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United States
Department of
Agriculture

Soil Conservation Service

Boise
Idaho



WATER SUPPLY OUTLOOK FOR IDAHO

in Cooperation with Idaho State Department of Water Resources, Idaho Soil Conservation Districts, and NOAA, National Weather Service



March 1, 1984

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Up to 75 percent of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data effecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent as surveyed and marked locations in mountain areas. These measurements are repeated in the same location near the same dates each year. Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Snotel (snow telemetry) networks of automatic snow water equivalent and related data sensing devices, are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. A joint Soil Conservation Service and National Weather Service report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs. This report can be obtained from Soil Conservation Service, National Technical Center, Rm. 510, 511 NW Broadway, Portland, Oregon 97209.

In California, the program is coordinated by the California Department of Water Resources. The Canadian provinces of British Columbia and Alberta have comparable programs.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states.

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	2490 W. 26th Ave., Diamond Hill, Bldg. A, Denver, Colorado 80211
Idaho	Room 345, 304 N. 8th St., Boise, Idaho 83702
Montana	Room 443, Federal Building, 10 East Babcock, Bozeman, Montana 59715
Nevada	50 S. Virginia Street, P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	Federal Office Building, 100 East B. Street, Casper, Wyoming 82601

WATER SUPPLY OUTLOOK
FOR
IDAHO
and
Federal-State-Private Cooperative Snow Surveys

Issued by
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Released by
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Soil Conservation Districts
NOAA-National Weather Service
Idaho Power Company
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WATER SUPPLY OUTLOOK for IDAHO



GENERAL STATEMENT FOR MARCH 1, 1984

Snow measurements taken near March 1 indicate snowpack conditions have not changed significantly from the first of February. The snowpack in northern Idaho, from the Clearwater drainage north remains below to well below normal, ranging from 68 percent of normal on the St. Joe and Lochsa River drainages to a high of 85 percent of average on the Priest River. Conditions in the extreme southern portion of the state from the Owyhee mountains east to the Portneuf drainage continues to be well above normal ranging from a low of 148 percent of average on the Raft River to a high of 208 percent on the Owyhee River **drainage**. Central and eastern Idaho snowpack conditions remain near to slightly below normal ranging from 82 percent of normal on the Henrys Fork to 110 percent of average on the Boise River.

Two wet storms brought lower elevation precipitation back to a more normal level in February. Northern Idaho for the third straight month recorded below normal rain with percentages from 25 to 45 below average. Central and southern Idaho were above normal with the southeastern area as high as 150 percent above average.

Temperatures were again cold but not extremely cold as had been the case for the past two months. Readings over the southern half of the state were 5° F. to 10° F. below average while northern Idaho recorded readings at or above normal. The coldest in the state was 20° F. below at Stanley.

Soil profiles in most basins are wet and soil moisture conditions are above to well above normal throughout Idaho. Reservoir carryover storages also remain near to well above normal on most reservoirs.

April through September streamflow forecasts range from 69 percent of normal for inflow to Dworshak Reservoir in northern Idaho to 225 percent for Lake Owyhee inflow in southeastern Oregon.

Near normal precipitation for the remainder of the season will assure adequate water supplies for central and southern Idaho but northern Idaho water users without storage facilities may experience some late summer water deficiencies.

VALLEY PRECIPITATION 1/

Division Averages and Departures in Inches

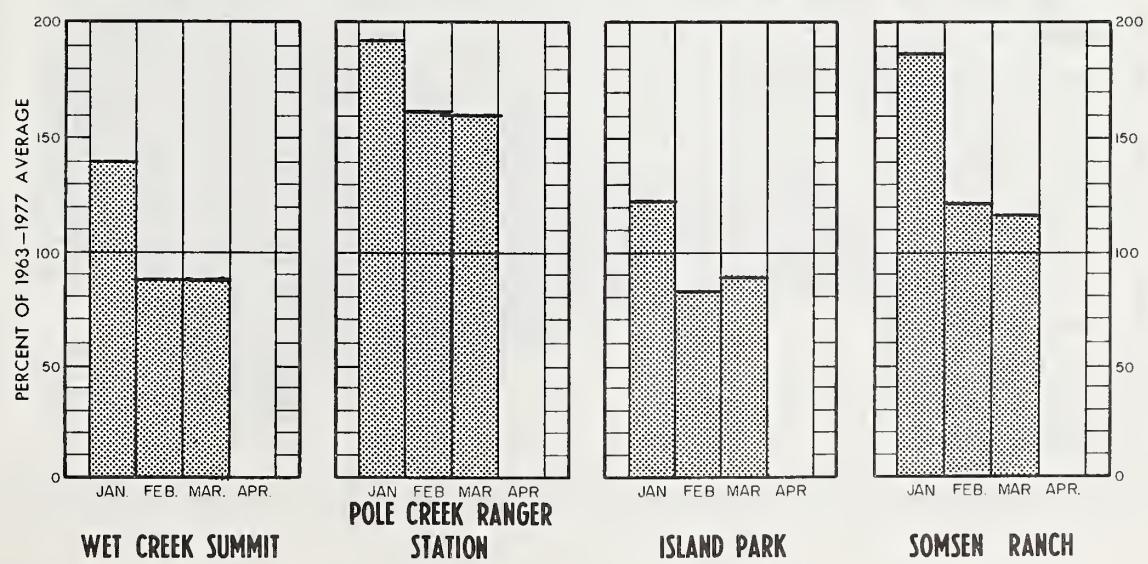
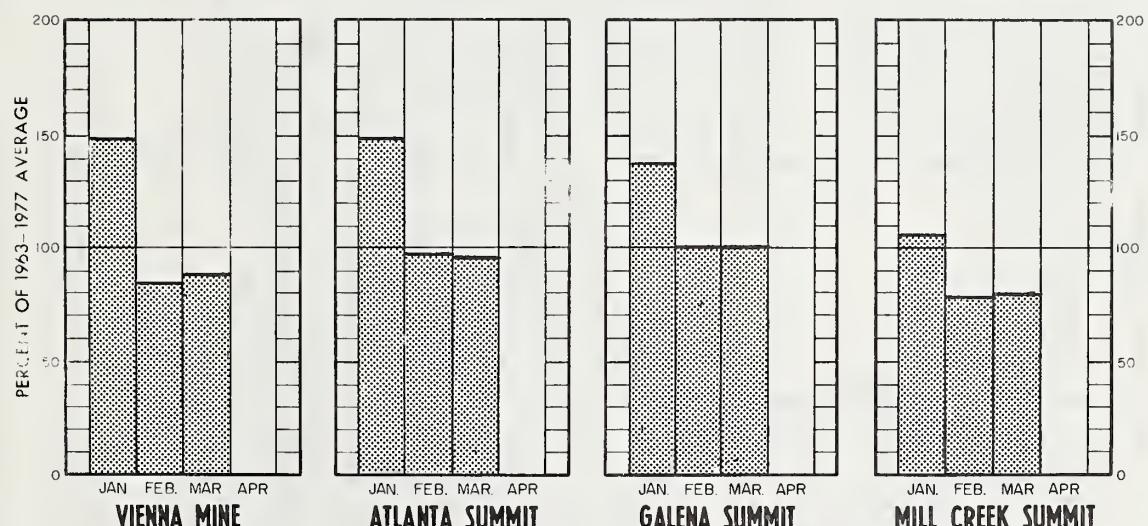
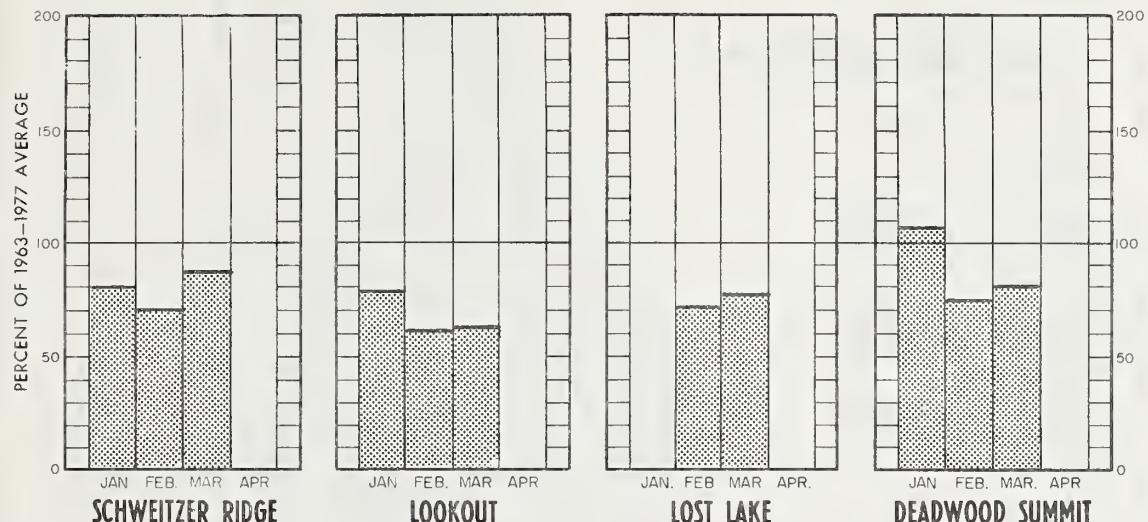
DRAINAGE DIVISIONS	Winter February 1984		Fall - Winter Nov. 83 - Feb. 1984	
	Observed	Departure <u>2/</u>	Observed	Departure <u>2/</u>
Kootenai, Canada & U.S.	1.11	- .84	9.67	- 1.98
Flathead	.69	- 1.05	6.54	- 2.66
Clark Fork	.63	- .64	5.13	- 1.65
Pend Oreille-Spokane	1.71	- 1.13	14.47	- .55
Upper Snake	1.57	- .28	9.86	- 1.27
Snake River Plain	1.08	+ .30	6.84	+ 2.54
Salmon-Payette-Boise	2.18	+ .43	13.03	+ 2.97
Clearwater	1.99	- .88	13.75	- 1.17
Owyhee-Malheur	1.06	+ .21	7.43	+ 2.61

1/ Preliminary analysis and data by the National Weather Service and Meteorological Service of Canada.

2/ Departure from 15-year (1963-1977) drainage division average.

SNOW WATER DEPTHS ACCUMULATION
For Selected Snow Courses

As Compared To 1961 - 1980 20 Year Average



COMPARISON of SNOW COVER

RIVER BASIN WATERSHED	NO. OF COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF : LAST YEAR	1961-80 AVERAGE
<u>UPPER COLUMBIA RIVER BASIN</u>			
Kootenai River	55	72	59
Pend Oreille River	163	78	66
Clark Fork River	105	76	64
Clark Fork above Blackfoot, Mt	42	82	67
Blackfoot River, Mt	23	72	57
Flathead River	58	80	68
North Fork Flathead	13	66	62
Middle Fork Flathead	12	79	59
South Fork Flathead	13	86	76
Bitterroot River	21	81	68
Priest River	4 - 5	71	85
Spokane River	16 - 19	77	71
Coeur d'Alene River	8 - 10	74	72
St. Joe River	4 - 5	77	68
Hayden Creek	4	114	76
<u>LOWER SNAKE RIVER BASIN</u>			
Palouse River	3	100	83
Clearwater River	18-20	88	70
North Fork Clearwater	11-12	86	71
Lochsa	4	88	65
Selway	3 - 4	98	70
Salmon River	27 - 28	79	76
Salmon Ab Salmon	10 - 11	78	89
Lemhi River	7	87	82
<u>MIDDLE SNAKE RIVER BASIN - Northside</u>			
Little Lost River	5	63	90
Big Lost River	8 - 9	66	96
Fish Creek	3	81	117
Little Wood River	4	60	93
Big Wood River	13	79	105
Big Wood River Ab. Magic Reservoir	7 - 8	74	95
Camas Creek	5 - 6	86	133
Canyon Creek	3	95	147
Boise River	18 - 20	86	110
Middle Fork Boise	8 - 10	83	96
South Fork Boise	10	83	109
Payette River	15 - 16	79	94
South Fork Payette	6	82	100
North Fork Payette	9 - 10	77	91
Weiser River	5 - 7	76	87
<u>MIDDLE SNAKE RIVER BASIN - Southside</u>			
Raft River	7 - 10	100	148
Goose-Trapper Creeks	3 - 5	109	154
Salmon Falls Creek	11 - 12	156	168
Bruneau River	9	150	182
Owyhee River above Owyhee Lake	18	144	208
Jordan Creek	2	118	175
<u>UPPER SNAKE RIVER BASIN</u>			
Upper Snake above Palisades Reservoir	21	103	89
Snake above Jackson, Wy	9	83	82
Gros Ventre, Wy	3	94	86
Greys River, Wy	3	112	89
Salt River, Wy	5	115	102
Camas-Beaver Creeks	2	63	90
Henrys Fork River	14	75	82
Teton River	9 - 10	92	100
Willow Creek	9	103	130
Blackfoot River	4 - 8	124	120
Portneuf River	5 - 8	125	125
<u>GREAT BASIN</u>			
Bear River	7	142	113
Montpelier Creek	6	121	110
Mink Creek	4	142	144
Cub River	4	163	149
Malad River	7	126	174

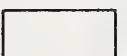
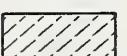
SNOW WATER DEPTHS
As percent of 1961-80 20 year average

MARCH 1, 1984

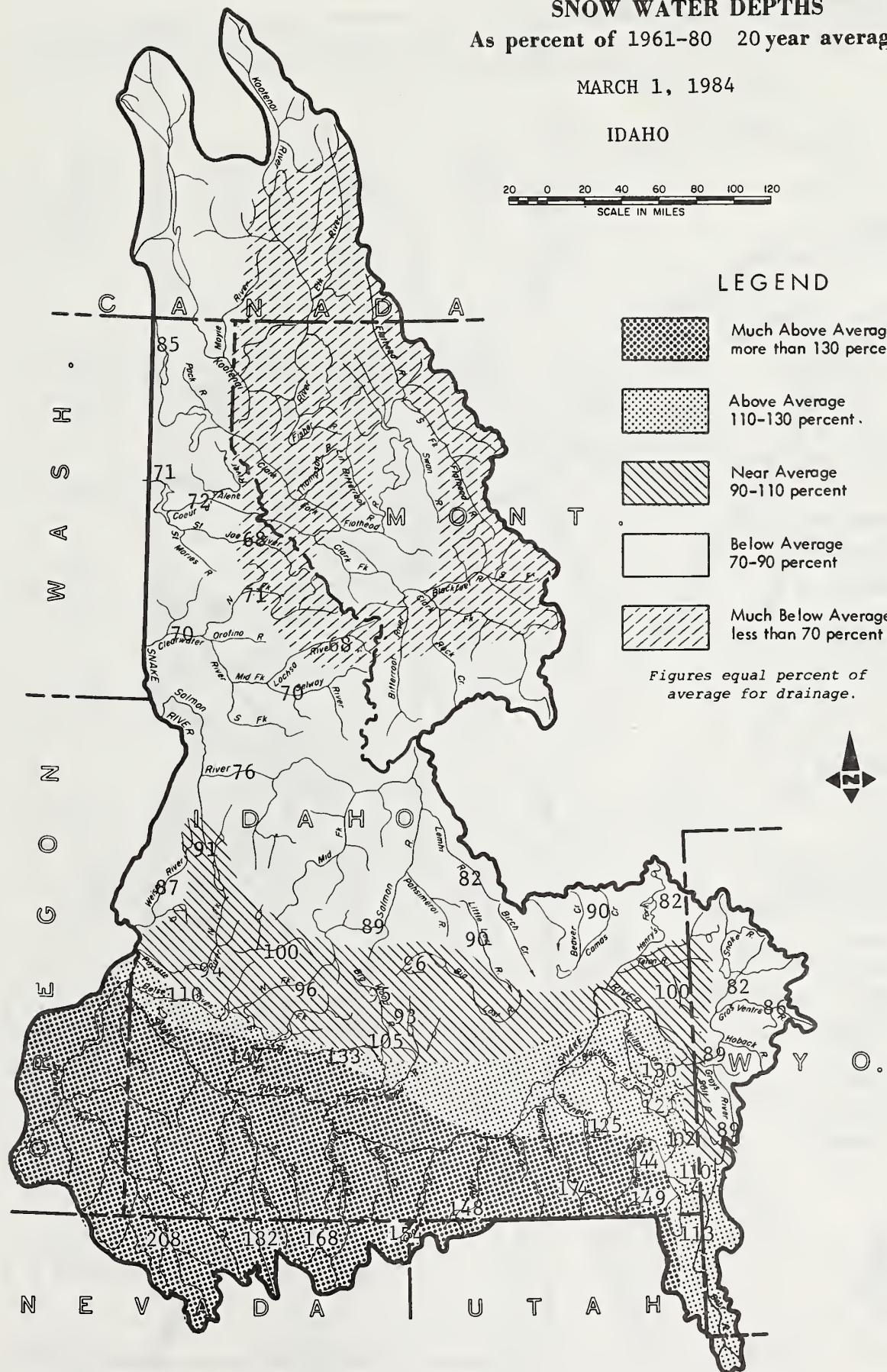
IDAHO

20 0 20 40 60 80 100 120
SCALE IN MILES

LEGEND

-  Much Above Average
more than 130 percent
-  Above Average
110-130 percent.
-  Near Average
90-110 percent
-  Below Average
70-90 percent
-  Much Below Average
less than 70 percent

Figures equal percent of
average for drainage.



RESERVOIR STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)			
		THIS YEAR	LAST YEAR	1961-80 AVERAGE	
<u>UPPER COLUMBIA BASIN</u>					
<u>Clark Fork - Pend Oreille</u>					
Hungry Horse	3428.0	2507.0	2831.0	2213.0	
Flathead	1791.0	787.4	752.8	934.1	
Pend Oreille	1155.1	479.7	789.9	375.8	
Noxon	334.6	322.8	315.4	312.2	
<u>Spokane</u>					
Coeur d'Alene	225.1	106.5	222.2	142.8	
<u>SNAKE BASIN</u>					
<u>Snake</u>					
Jackson Lake	624.4	491.6	499.6	552.9	
Palisades	1200.0	994.8	1072.4	840.8	
American Falls	1673.0	1214.0	1306.1	1269.0	
Island Park	127.0	111.6	112.7	109.7	
Grassy Lake	15.2	14.0	12.3	10.4	
Brownlee	980.2	510.8	747.1	495.5	
<u>Goose-Trapper Creeks</u>					
Oakley	74.4	45.2	31.0	28.8	
<u>Salmon Falls Creek</u>					
Salmon Falls	182.6	82.0	47.1	49.9	
<u>Big Lost</u>					
Mackay	44.2	35.3	40.0	31.5	
<u>Big Wood</u>					
Magic	191.5	120.0	152.3	96.6	
<u>Little Wood</u>					
Little Wood	30.0	21.9	16.6	16.7	
<u>Fish Creek</u>					
Carey Valley	14.4	9.9	9.5	--	
<u>Boise</u>					
Anderson Ranch	423.2	220.4	290.3	234.8	
Arrowrock	286.6	72.4	87.9	250.2	
Lucky Peak	278.2	163.7	169.5	81.9	
Lake Lowell (Deer Flat)	169.0	131.8	129.8	126.8	
<u>Owyhee</u>					
Owyhee	715.0	596.6	666.8	405.5	
<u>Payette</u>					
Cascade	653.2	415.8	387.6	332.1	
Deadwood	161.9	105.5	104.2	79.5	
<u>Weiser</u>					
Mann Creek	11.1	3.4	8.4	--	
<u>Clearwater</u>					
Dworshak	2016.0	1117.3	1042.6	--	
<u>GREAT BASIN</u>					
<u>Bear</u>					
Bear Lake	1421.0	1077.9	1114.1	979.3	

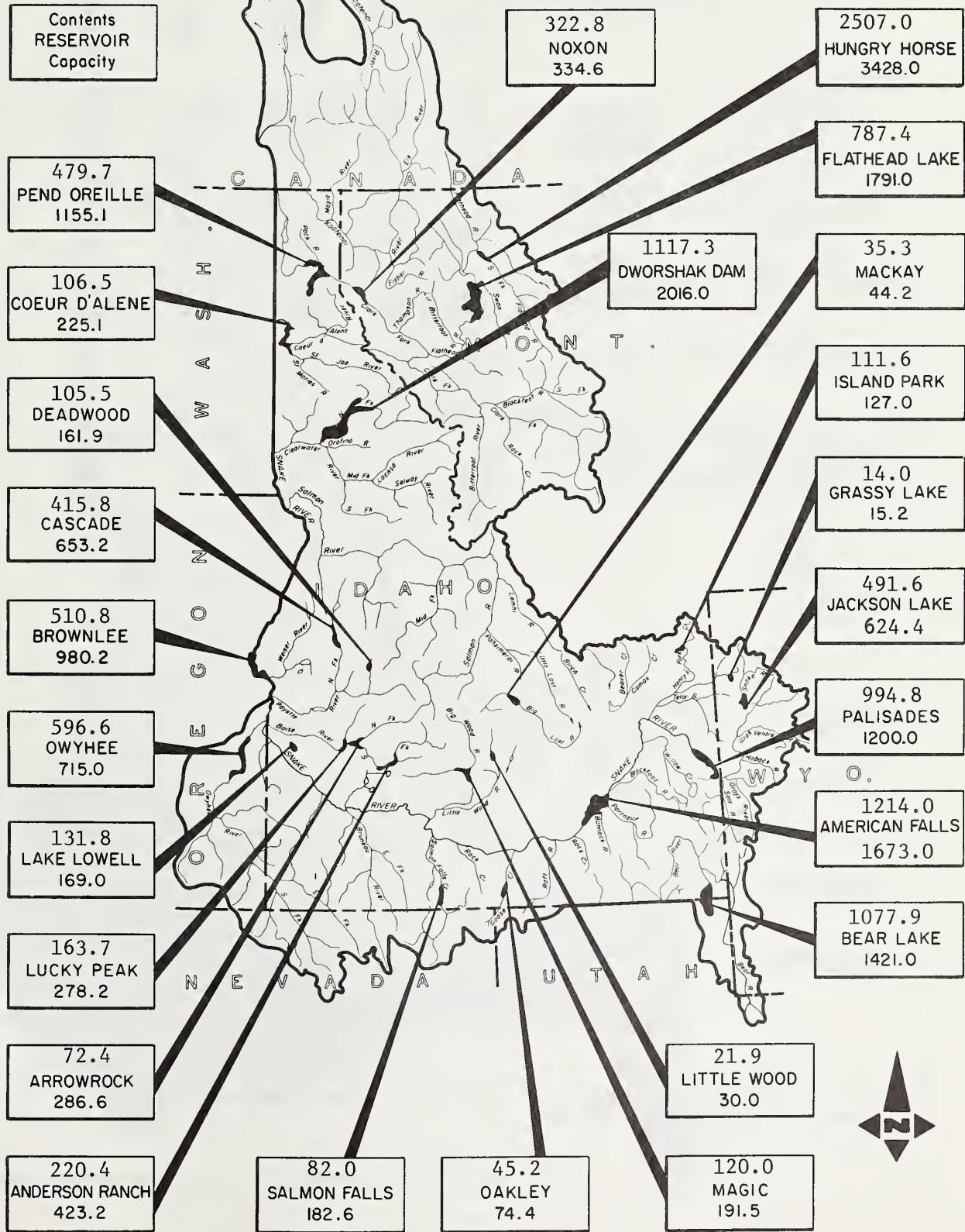
*Period of Record.

RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

MARCH 1, 1984

50 0 50 100 150
SCALE IN MILES



STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD	
	FORECAST ^c Thousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET Last Year

UPPER COLUMBIA BASIN

KOOTENAI RIVER

Leonia	(at)	6410 5590 4540	75 75 75	Apr-Sep Apr-Jul Apr-Jun	7948 6857 5157	8602 7498 6051
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PEND OREILLE RIVER

Clark Fork River

Whitehorse Rapids	(at)	9250 8420 7185	68 68 68	Apr-Sep Apr-Jul Apr-Jun	-- -- --	13575 12351 10570
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Pend Oreille Lake Inflow

		10700	71	Apr-Sep	--	15150
--	--	-------	----	---------	----	-------

Priest River

Priest River 1/

	(at)	798 750	90 90	Apr-Sep Apr-Jul	-- --	885 832
--	------	------------	----------	--------------------	----------	------------

SPOKANE RIVER

Post Falls 2/

	(at)	2040 1960	71 71	Apr-Sep Apr-Jul	-- --	2860 2756
--	------	--------------	----------	--------------------	----------	--------------

St. Joe River

Calder

	(at)	907 866	70 71	Apr-Sep Apr-Jul	-- --	1294 1225
--	------	------------	----------	--------------------	----------	--------------

SNAKE RIVER BASIN

SNAKE RIVER - MAIN STEM

Moran 3/	(at)	763	86	Apr-Sep	--	885
Palisades Inflow 3/		3260	86	Apr-Sep	--	3798
Heise 4/	(nr)	3420	84	Apr-Sep	--	4066
		2920	84	Apr-Jul	--	3465

Blackfoot 5/

	(nr)	4630 3770	85 85	Apr-Sep Apr-Jul	-- --	5430 4429
--	------	--------------	----------	--------------------	----------	--------------

Henry's Fork

Ashton 6/

	(nr)	630 465	88 88	Apr-Sep Apr-Jul	-- --	714 529
--	------	------------	----------	--------------------	----------	------------

Rexburg 7/

	(nr)	1270 990	86 86	Apr-Sep Apr-Jul	-- --	1475 1153
--	------	-------------	----------	--------------------	----------	--------------

Falls River

Squirrel

	(nr)	320	87	Apr-Jul	--	366
--	------	-----	----	---------	----	-----

Teton

South Leigh Creek

	(ab)	190 142	98 98	Apr-Sep Apr-Jul	-- --	194 145
--	------	------------	----------	--------------------	----------	------------

St. Anthony

	(nr)	397 320	85 85	Apr-Sep Apr-Jul	-- --	465 375
--	------	------------	----------	--------------------	----------	------------

Portneuf River

Topaz

	(at)	155 125	152 152	Mar-Sep Mar-Jul	-- --	102.1 82.2
--	------	------------	------------	--------------------	----------	---------------

Oakley Reservoir

Inflow

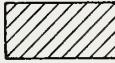
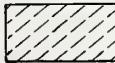
		59 54.5 51 46	167 168 169 169	Mar-Sep Mar-Jul Apr-Sep Apr-Jul	-- -- -- --	35.4 32.4 30.2 27.2
--	--	------------------------	--------------------------	--	----------------------	------------------------------

PROSPECTIVE STREAMFLOW
Based on Snow Surveys made on approximately
 MARCH 1, 1984

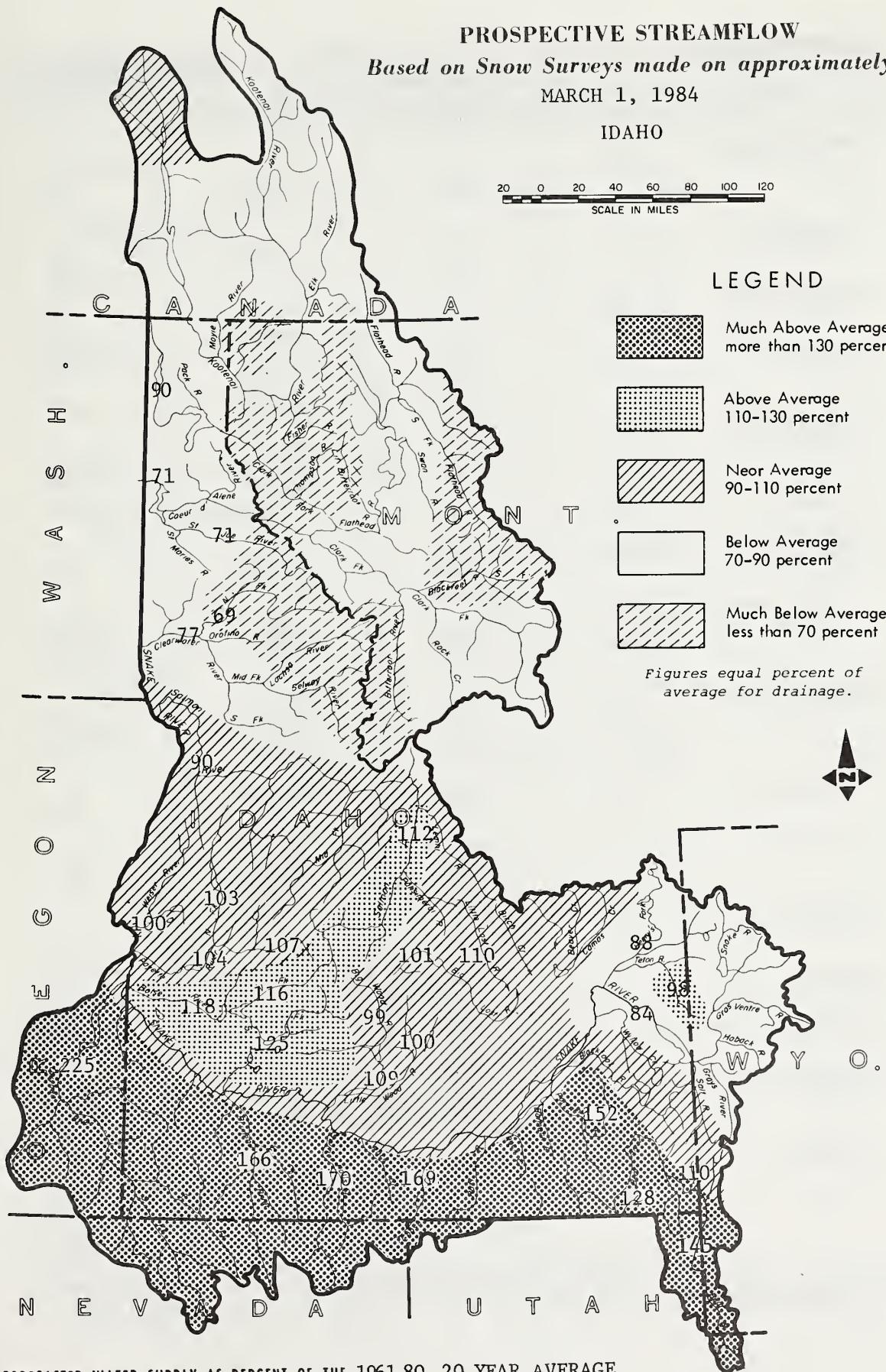
IDAHO

20 0 20 40 60 80 100 120
SCALE IN MILES

LEGEND

	Much Above Average more than 130 percent
	Above Average 110-130 percent
	Neor Average 90-110 percent
	Below Average 70-90 percent
	Much Below Average less than 70 percent

Figures equal percent of
average for drainage.



FORECASTED WATER SUPPLY AS PERCENT OF THE 1961-80 20 YEAR AVERAGE

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST ^c		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average ^d
<u>Salmon Falls Creek</u> San Jacinto	(nr)				
	160	170	Mar-Sep	--	94
	152	170	Mar-Jul	--	89.3
	143	169	Mar-Jun	--	84.4
<u>Bruneau River</u> Hot Springs	(nr)				
	404	166	Mar-Sep	--	243
	384	166	Mar-Jul	--	232
<u>Little Lost River</u> Howe	(nr)				
	47	111	Apr-Sep	--	42.2
	36	110	Apr-Jul	--	32.6
<u>Wet Creek</u>	(b1)				
	41.0	106	Apr-Sep	--	38.8
	33.2	106	Apr-Jul	--	31.4
	26.5	106	Apr-Jun	--	25.0
<u>Big Lost River</u> Howell Ranch	(at)				
	213	101	Apr-Sep	--	211
	188	101	Apr-Jul	--	186
	146	101	Apr-Jun	--	144
<u>Mackay</u> <u>8/</u>	(nr)				
	185	101	Apr-Sep	--	184
<u>Big Wood River</u> Bellevue	(nr)				
	192	99	Apr-Sep	--	193
	178	99	Apr-Jul	--	180
<u>Magic Reservoir</u> Inflow <u>9/</u>					
	333	109	Mar-Jul	--	306
	320	108	Apr-Sep	--	295
	305	109	Apr-Jul	--	280
<u>Little Wood River</u> Carey <u>10/</u>	(nr)				
	101	100	Apr-Sep	--	101.0
	93	100	Apr-Jul	--	93.1
	83	100	Apr-Jun	--	82.6
<u>Boise River</u> Twin Springs	(nr)				
	820	116	Apr-Sep	--	705
	755	116	Apr-Jul	--	650
<u>Boise</u> <u>11/</u>	(nr)				
	1860	118	Apr-Sep	--	1571
	1720	118	Apr-Jul	--	1454
	1510	118	Apr-Jun	--	1279
<u>South Fork</u> Anderson Dam <u>12/</u>	(at)				
	738	125	Apr-Sep	--	590
	690	125	Apr-Jul	--	551
<u>Owyhee River</u> Gold Cr., Nv <u>13/</u>	(nr)				
	50	217	Apr-Jul	--	23.0
<u>Owyhee</u> , Nv <u>13/</u>					
	186	218	Apr-Jul	--	85.4
<u>Lake Owyhee</u>					
	848	225	Apr-Sep	--	376
<u>net inflow</u> <u>14/</u>					
	1109	225	Mar-Jul	--	492
<u>Payette River</u> Horseshoe Bend <u>15/</u>	(nr)				
	1880	104	Apr-Sep	--	1805
	1740	104	Apr-Jul	--	1668
<u>North Fork</u> Cascade <u>16/</u>	(at)				
	570	103	Apr-Sep	--	553
	533	103	Apr-Jul	--	518
<u>Banks</u> <u>16/</u>	(nr)				
	733	103	Apr-Sep	--	712
	691	103	Apr-Jul	--	671

(c) Assuming normal meteorological conditions.

+1961-1980 period.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST ^c Thousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET Last Year	Average ^d
<u>South Fork</u> Lowman (at)	532 472	107 107	Apr-Sep Apr-Jul	-- --	497.2 440.6
<u>Deadwood Reservoir</u> Inflow	142	101	Apr-Jul	--	140
<u>Weiser River</u> Weiser (nr)	542 426	100 100	Mar-Sep Apr-Sep	-- --	543 427
<u>Salmon River</u> Whitebird (at)	6180 5580	90 90	Apr-Sep Apr-Jul	-- --	6876 6211
Salmon (nr)	1180 1007	112 112	Apr-Sep Apr-Jul	-- --	1053 899
<u>Clearwater River</u> Spalding (at)	6510	77	Apr-Sep	--	8460
<u>North Fork Clearwater</u> Dworshak Reservoir Inflow	2050 1940	69 69	Apr-Sep Apr-Jul	-- --	2985 2805
<u>GREAT BASIN</u>					
<u>BEAR RIVER</u> Harer (at)	450	145	Apr-Sep	--	310
<u>Montpelier Creek</u> Montpelier (nr)	15.3	110	Apr-Sep	--	13.9
<u>Cub River</u> Preston (nr)	66.5 60.0	128 128	Apr-Sep Apr-Jul	-- --	51.8 46.8

1/ Observed flow corrected for storage in Priest Lake.

2/ Observed flow corrected for storage in Coeur d'Alene Lake.

3/ Corrected for storage in Jackson Lake.

4/ Corrected for storage in Jackson Lake and Palisades

5/ Corrected for storage in Jackson Lake, Palisades, Island Park, Henrys Lake, Grassy Lake and diversions between Heise and Blackfoot.

6/ Corrected for storage in Henrys Lake and Island Park Reservoir.

7/ Corrected for storage in Henrys Lake and Island Park, Grassy Lake and diversions between Ashton and Rexburg.

8/ Observed flow corrected for storage in Mackay Reservoir.

9/ Combined flow Big Wood River nr. Bellevue and Camas Creek near Blaine.

10/ Corrected for storage in Little Wood Reservoir.

11/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak.

12/ Corrected for storage in Anderson Ranch Reservoir.

13/ Corrected for storage in Wildhorse Reservoir.

14/ From Bureau of Reclamation records of inflow.

15/ Corrected for storage in Cascade and Deadwood Reservoirs.

16/ Corrected for storage in Cascade Reservoir.

Cooperative forecasts released by Soil Conservation Service and National Weather Service.

SNOW

NAME & DRAINAGE	Elevation	THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	Average
Above Burke	Coeur d'Alene	4100	2/28	40	12.0	15.4
Above Gilmore	Lemhi	8240	3/1	27	6.4	7.5
Afton Ranger Sta (Wy)	Salt River	6240	2/28	26	5.7	4.2
Allen Ranch	Blackfoot	6470	2/27	45	12.7	9.3
Antelope Ridge	Owyhee	6180	2/26	38	11.4	9.0
Arizona (Wy)	Snake	6820	2/28	49	15.2	18.4
Aspen Grove	Willow	6500	2/28	11.9e	17.0	11.0*
Aspen Hall Pass	Lemhi	8200	3/1	34	7.6	8.2
Aster Creek (Wy)	Snake	7750	2/28	57	18.5	25.6
Atlanta Summit	Boise	7600	2/28	83	28.9	36.9
Atlanta Townsite	Boise	5370	2/27	48	12.7	13.0
Austin Brothers Ranch	Blackfoot	6400	3/1	38	10.0	8.1
Bad Bear	Boise	4940	3/1	49	15.2	14.5
Badger Gulch	Trapper	6660	3/5	56	17.4	16.2
Banner Summit	Payette	7040	2/27	75	22.8	30.4
Base Camp (Wy)	Snake	7030	2/29	47	12.8	17.0
Beagle Springs (Mt)	Beaverhead	8850	3/1	32	5.8	7.0
Bear Basin	Little Salmon	5350	2/26	65	16.2	22.6
Bear Canyon	Big Lost	7900	2/28	52	12.5	22.9
Bear Creek (Nv)	Jarbridge	8040	3/6	78	29.2	21.8
Bear Mountain	Clark Fork	5400	2/27	91	32.6	59.7
Bear Saddle	Mann Creek	6180	3/1	80	25.2	32.8
Beaverdam Creek	Portneuf	6120	2/25	40	9.8	6.7
Bennett Mountain	Canyon Creek	6560	3/3	59	20.1	20.4
Benton Meadow	Priest	2370	3/2	17	5.0	2.5
Benton Spring	Priest	4920	3/2	48	18.5	19.3
Big Bend (A) (Nv)	Owyhee	6700	2/28	49	15.9	10.7
Big Creek Summit	Salmon	6580	2/26	92	28.8	36.7
Big Springs	Henrys Fork	6400	2/29	51	15.0	19.4
Birch Creek	Willow	6800	2/28	39	12.1	8.4
Black Bear (Mt)	Madison	7950	2/27	89	30.0	39.7
Black Canyon	Henrys Fork	7960	2/28	80	26.6	31.8
Black Moose	Henrys Fork	8160	2/28	82	23.8	40.4
Black Rock (Wy)	Snake	8900	2/29	55	16.1	17.8
Blind Bull (Wy)	Greys	8650	2/29	18.0e	17.0	23.8
Bloody Dick (Mt)	Beaverhead	7600	2/28	36	9.2	10.5
Blue Ridge	Blackfoot	6780	2/28	67	22.2	21.5
Bogus Basin	Payette	6340	3/1	75	26.3	31.0
Bogus Basin Road	Boise	5540	3/1	36	11.6	9.5
Bone	Willow	6200	2/28	32	8.3	7.4
Borah (A)	Pahsimeroi	8250	3/1	24	6.2	5.1
Bostetter Rgr. Sta.	Trapper	7500	3/5	76	28.2	21.2
Boulder Creek	Weiser	5440	3/2	67	19.0	25.0
Boy Scout Camp	Raft	7740	3/5	69	23.0	23.4
Breezy Saddle	Clearwater	5010	2/28	63	16.5	23.4
Brockman Station	Willow	6430	2/28	42	12.8	10.3
Brundage Mountain	Little Salmon	7560	2/26	92	31.5	40.1
Bruno Creek	Salmon	7920	3/2	49	14.0	17.7
Bryan Flat (Wy)	Hoback	6420	2/22	18	8.0	4.9
Camas Creek Divide	Big Wood	5710	3/3	48	16.1	18.0
Camp Creek	Beaver	6580	2/29	31	6.9	14.0
Cayuse Airstrip	Clearwater	3500	2/28	32	7.7	6.4
CCC Camp (Wy)	Salt	7000	2/27	44	11.9	8.8
Cedar Creek	Cedar	6820	3/6	52	18.4	6.1
Chilco Ridge	Hayden	3650	2/29	13	3.6	1.8
Chimney Creek	Big Wood	6400	3/3	50	16.3	21.4
Clear Creek Meadows	Raft	9420	3/5	74	22.6	26.8
Cliff Canyon	Malad	7200	2/29	40	12.4	19.2
Cold Springs	Portneuf	7000	2/25	73	23.8	--
Columbia Basin (A) (Nv)	Owyhee	6650	3/1	62	21.1	10.5
Conie Ridge	Hayden	3900	2/29	18	4.5	3.4
Copes Camp	Lemhi	7520	3/1	28	6.1	6.4
Copper Basin	Big Lost	7640	2/27	31	7.4	14.4
Copper Ridge	Coeur d'Alene	4820	2/28	59	20.5	25.6
Corner Creek	Hayden	3150	2/29	26	7.1	3.7
Cottonwood Lake (Wy)	Greys	7600	2/29	15.1e	19.6	16.9
Couch Summit	Boise	6840	3/3	61	18.2	23.4
Coulter Creek (Wy)	Snake	7020	2/27	48	14.8	17.2
Cozy Cove	Deadwood	5380	2/27	54	14.0	17.3
Crater Meadows	Clearwater	5960	2/28	87	25.9	30.4
Crawford Ranger Sta.	Payette	4860	2/26	30	7.7	9.6
Crooked Fork	Lochsa	3610	2/28	36	9.1	9.8
Cub River Ranger Sta.	Cub	5450	2/29	47	14.5	8.3

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SNOW

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Dad Creek Lake	(Mt)	Beaverhead	8400	3/1	43	9.6	9.8	11.5
Daniels Creek		Malad	6270	2/29	34	8.8	7.3	5.0
Darby Canyon	(Wy)	Teton	8250	2/28	68	22.2	22.1	19.7*
Deadline		Salmon Falls	7400	3/6	74	30.0	21.5	18.8*
Deadline South		Salmon Falls	7450	3/6	84	33.2	23.8	23.2*
Deadman Gulch		Boise	5600	3/1	61	19.9	20.5	14.7*
Deadwood Airstrip		Deadwood	5360	3/1		15.0e	17.4	14.3
Deadwood Summit		Deadwood	6860	2/27	101	32.3	--	40.6*
Dempsey Creek		Portneuf	6100	2/25		11.2e	11.2	11.0
Dollarhide Summit		Big Wood	8420	2/28	63	21.2	--	20.7*
Double Springs Pass		Pahsimeroi	8380	3/1	37	9.0	9.4	9.1*
Dry Basin		Mink	7820	2/29	95	35.2	24.8	25.0*
Dry Creek Flat		Malad	6360	2/28	48	15.8	8.3	7.8
Dry Fork		Big Lost	7220	2/29		16.4e	19.4	14.3*
East Creek		Portneuf	7000	2/25	49	13.2	10.1	--
East Rim Divide	(Wy)	Hoback	7930	2/24	33	7.8	8.0	12.1
East Twin		Palouse	4130	2/27	31	7.2	6.7	10.3
Elk Butte		Clearwater	5550	2/28	78	22.5	25.0	33.3*
Emigrant Summit		Bear	7390	3/1	81	29.3	22.4	21.9
Emigration Canyon		Bear	6500	3/1	43	13.0	10.7	9.9
Fairview Guard Station		Little Lost	6750	2/28		4.0e	7.4	4.4
Fawn Creek (A)	(Nv)	Owyhee	7000	2/28	48	15.6	17.6	10.5
Fish Lake Airstrip		Lochsa	5650	2/28	76	21.0	25.0	35.2
Fishpole Lake		Big Lost	9300	2/28	58	18.4	--	16.6*
Four Mile Meadows	(Wy)	Snake	7860	2/29	35	8.4	10.0	11.5
Forty-nine Meadows		Clearwater	4830	2/28	61	16.3	22.0	26.2
Fourth of July Summit		Coeur d'Alene	3200	2/24	31	8.6	5.4	8.5
Fox Creek	(Nv)	Jarbridge	6750	3/6	48	15.9	11.6	9.6
Franklin Basin		Cub	8040	3/2	73	26.7	18.8	21.7*
Freds Mountain	(Wy)	Teton	8150	2/28		21.8e	22.4	21.5*
Fry Canyon	(Nv)	Owyhee	6700	2/28	48	15.6	10.6	5.9
Calena		Big Wood	7440	2/28	54	16.0	20.6	17.1
Calena Snotel		Big Wood	7470	2/28	59	17.6	22.4	--
Calena Summit		Big Wood	8780	2/28	65	20.2	24.8	20.1
Carfield Ranger Sta.		Little Wood	6560	2/29	37	10.8	15.5	9.8
George Creek	(Ut)	Raft	8840	3/5	73	23.5	23.6	--
George Peak	(Ut)	Raft	9000	3/5	90	31.0	32.5	21.6*
Cibbons Pass	(Mt)	Bitterroot	7100	2/28	58	17.0	21.3	20.7
Civeout		Montpelier	6860	2/29	44	12.4	9.7	11.1*
Civeout Snotel		Montpelier	6930	2/29	40	11.5	--	--
Clade Creek	(Wy)	Snake	7040	2/28	58	19.4	21.2	20.3
Coat Creek	(Nv)	Salmon Falls	8880	3/6	73	26.8	17.5	15.7*
Cold Creek	(Nv)	Owyhee	6600	2/28	37	11.7	6.8	4.9
Gold Stone	(Mt)	Beaverhead	8100	2/28	45	11.9	12.9	15.1
Graham Guard Sta.		Boise	5690	2/27	54	14.5	17.2	15.2*
Graham Ranch		Big Wood	6270	2/28	49	13.8	16.9	12.4
Crassy Lake	(Wy)	Henrys Fork	7265	2/28	85	28.4	31.0	30.5
Greys Boundary	(Wy)	Creys	5720	2/28	44	12.5	10.0	10.6
Cros Ventre Summit	(Wy)	Cros Ventre	8750	2/29		9.1e	9.3	10.1
Grover Park Divide	(Wy)	Salt	7000	2/28	45	12.6	8.2	11.2
Heart Lake Trail	(Mt)	Clark Fork	4800	2/29	40	13.2	15.4	20.3
Hemlock Butte		Clearwater	5810	2/28	100	29.9	34.6	42.0*
Hilts Creek		Little Lost	8000	2/29	32	7.5	--	--
Hoodoo Basin	(Mt)	Clark Fork	6000	2/29	89	33.2	40.4	44.6
Hoodoo Creek	(Mt)	Clark Fork	5900	2/29	79	30.0	36.6	41.8
Howell Canyon		Marsh Creek	7980	3/5	88	34.1	30.4	21.5
Huckleberry Divide	(Wy)	Snake	7300	2/28	53	16.3	20.0	19.2
Humboldt Culch		Coeur d'Alene	4250	2/28	30	8.4	12.8	--
Hummingbird Springs	(Nv)	Jarbridge	8870	3/6	84	30.1	23.2	19.7*
Hyndman Creek		Big Wood	7440	2/28	45	11.0	--	--
Idaho City Townsite		Boise	4000	3/1	28	8.2	6.1	--
Indian Crove		Raft	7560	3/5	53	16.6	16.5	--
Indian Meadows		Teton	8240	2/28	98	33.4	41.6	31.1*
Iron Bog		Big Lost	7650	2/28		13.6e	18.8	12.4
Iron Mine Creek		Fish Creek	6300	2/29	41	11.4	14.7	9.9
Irving Creek		Medicine Lodge	7035	3/2	24	5.0	7.4	4.9*
Island Park		Henrys Fork	6290	2/29	47	13.6	18.3	15.3
Jackpine Creek	(Wy)	Teton	7350	2/28	65	20.1	23.0	20.1
Jacks Peak	(Nv)	Owyhee	8420	2/28	109	37.0	27.3	20.9
Jackson Peak		Boise	7070	2/27	78	24.1	33.0	26.9*
Jakes Creek	(Nv)	Snake	7000	3/1	29	10.2	8.4	4.7
Johnson Creek		Blackfoot	6730	2/27	50	14.2	10.8	--

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SNOW

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Kellogg Peak (A)	Coeur d'Alene	5560	2/27	58	19.3	25.7	28.5*
Kilgore	Camas Creek	6320	2/27	41	11.2	14.6	10.7
Kit Carson Pasture	Selway	4950	2/26	34	8.1	5.2	--
Lake Fork	Payette	5290	2/28	58	15.9	16.3	14.3
Lakeview Canyon (Mt)	Beaverhead	6930	2/27	28	6.8	12.8	10.4
Lakeview Ridge (Mt)	Beaverhead	7400	2/27	28	7.0	12.8	9.3
Langford Flat Creek	Salmon Falls	5980	3/6	43	14.4	5.0	--
Latham Springs	Henrys Fork	7630	2/28	77	25.2	31.2	29.4*
Laurel Draw (Nv)	Owyhee	6700	2/28	52	15.9	11.2	6.9
Lava Creek	Willow	7350	2/28	57	17.8	16.9	13.6*
Leadbelt	Big Lost	6700	2/27	37	8.1	14.4	8.5*
Leatherman Pass (A)	Pahsimeroi	9860	3/1	61	17.6	23.3	20.1*
Lemhi Pass (Mt)	Beaverhead	7480	3/3	38	6.1	5.2	8.0
Lemhi Ridge (Mt)	Beaverhead	8100	3/3	40	7.2	6.4	8.9
Lewis Lake Divide (Wy)	Snake	7850	2/28	81	28.5	36.6	36.2
Little Beaver	Montpelier	6970	2/29	52	15.5	12.4	13.9*
Little Camas Flat	Boise	4940	3/3	28	8.7	8.9	5.8*
Logger Springs	Raft	8120	3/5	71	22.8	22.6	--
Lolo Pass	Lochsa	5240	2/28	57	17.5	19.1	27.4*
Lookout	Coeur d'Alene	5140	2/28	62	19.2	29.0	30.4
Lost Garfield	Little Lost	6600	2/28	3.5e	6.0	3.8	
Lost Horse (Mt)	Bitterroot	5940	2/28	68	21.8	24.0	29.5
Lost Lake	Clearwater	6110	2/28	104	32.4	41.4	48.5*
Lost-Wood Divide	Big Lost	7900	2/27	59	17.3	26.1	19.9*
Lower Elkhorn	Portneuf	6960	2/29	49	16.6	13.2	13.1*
Lower Home Canyon	Montpelier	7640	2/28	44	13.6	10.2	12.2*
Lower Jack Creek (Nv)	Owyhee	6800	2/28	46	17.6	7.8	--
Lower Pebble	Portneuf	5780	2/25	45	13.0	11.1	12.1*
Lower Sands Creek	Coeur d'Alene	3120	2/28	48	15.1	17.0	17.2
Lucky Dog	Henrys Fork	6860	2/28	64	20.6	24.4	22.2*
Madison Plateau (Mt)	Madison	7750	2/27	54	15.3	21.9	19.4
Magic Mountain	Rock Creek	6880	3/6	79	27.5	16.9	16.4
Mascot Mine	Big Wood	7780	2/28	43	10.6	20.0	12.9
McRenolds Reservoir	Teton	6720	2/28	62	17.5	18.6	17.7*
Meadow Lake	Lemhi	9150	3/1	46	12.4	18.0	15.8*
Merritt Mountain (Nv)	Owyhee	7000	3/1	60	20.4	7.8	6.4
Mill Creek Summit	Salmon	8800	3/1	53	15.3	21.9	19.4*
Mink Creek	Portneuf	6410	2/26	77	26.2	19.1	15.4
Montpelier Creek	Montpelier	6540	3/1	7.8e	7.7	7.8*	
Moonshine	Little Lost	7440	2/28	34	8.5	11.8	9.1
Moores Creek Summit	Boise	6100	3/1	87	26.8	35.4	28.2
Moose Creek	N.F. Salmon	6200	2/29	51	15.6	16.8	15.1
Moran (Wy)	Snake	6750	2/29	39	10.6	10.5	9.8
Morgan Creek	Salmon	7600	3/1	38	9.9	13.4	12.3*
Morse Creek Sawmill	Salmon	7120	3/1	35	9.6	--	--
Moscow Mountain	Palouse	4410	2/27	48	13.2	15.6	15.0
Mosquito Ridge	Coeur d'Alene	5200	2/27	68	22.4	40.4	34.1*
Mount Baldy	Big Wood	8920	2/28	62	17.6	22.5	18.1
Mud Creek	Willow	7100	2/28	73	23.4	21.5	13.7*
Mud Flat	Owyhee	5730	2/26	39	9.8	7.2	6.1*
Muldoon	Little Wood	6320	2/29	23	6.3	11.8	7.5
Nez Perce Pass (Mt)	Bitterroot	6570	2/26	51	14.0	11.7	15.4
One Mile Summit	Raft	7330	3/5	31	7.6	6.2	7.5*
Oxford Mountain	Malad	6800	2/28	47	15.1	8.4	9.7
Oxford Spring	Malad	6740	2/28	51	16.0	9.5	--
Packsaddle Spring	Teton	8200	2/28	74	25.9	29.5	--
Pebble Creek	Portneuf	6550	2/25	55	17.3	14.5	14.6
Perreau Meadows	Salmon	8500	2/29	43	11.7	--	--
Phillips Bench (Wy)	Teton	8200	2/22	68	20.1	23.3	25.4
Pierce Ranger Station	Clearwater	3080	3/1	33	9.2	6.0	10.5
Pine Creek Pass	Teton	6810	2/29	52	15.6	14.7	15.6
Poison Meadows (Wy)	Greys	8500	2/29	22.9e	20.6	25.6	
Pole Creek Ranger Sta.	Jarbridge	8360	3/6	78	28.8	20.0	18.0*
Prairie	Boise	4800	2/26	33	8.5	6.1	5.3
Putnam	Portneuf	7220	2/27	60	19.5	--	--
Redfish Lake Flat	Salmon	6560	2/28	39	9.7	13.1	11.5*
Road Creek	Boise	5380	2/28	43	11.3	9.6	9.2*
Rock Flat Summit	Payette	5310	2/27	62	17.1	21.8	16.7
Rodeo Flat (Nv)	Owyhee	6800	2/28	53	17.9	12.4	4.6
Roland Summit	St. Joe	5120	2/27	62	20.3	31.5	30.4*
Saddle Mountain (Mt)	Bitterroot	7940	2/27	60	17.4	21.6	22.3
Sage Creek Saddle	Hayden	4080	2/29	44	13.3	16.1	16.5*

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Salt River Summit	(Wy)	Salt	7700	2/27	50	13.9	10.6	14.5
Savage Pass		Lochsa	6170	2/29	56	16.9	19.6	24.3
Sawmill Canyon		Little Lost	7000	2/28	28	6.1	9.8	7.0
Sawtell Mountain		Henry's Fork	8720	2/29	77	27.3	36.6	28.8*
Schwartz Lake		Lemhi	8540	3/1	35	8.8	11.2	10.6*
Schweitzer Basin		Pend Oreille	6090	3/1	88	31.8	49.8	--
Schweitzer Bowl		Pend Oreille	4800	3/1	60	19.5	34.5	27.4*
Schweitzer Ridge		Pend Oreille	6200	3/1	90	34.6	49.0	40.2*
Secesh Summit		Payette	6520	3/3	86	26.8	36.1	30.6*
Sedgwick Peak		Portneuf	7850	2/25	62	18.9	16.2	--
Seventy-Six Creek		Jarbridge-Bruneau	7100	2/28	61	21.7	14.4	10.7
Shanghai Summit		Clearwater	4570	2/28	61	16.2	18.0	23.7*
Sheep Mountain		Willow	6570	2/28	42	13.2	14.5	12.0*
Sherwin		St. Maries	3200	3/1	38	11.8e	8.4	13.0*
Shoshone Basin		Salmon Falls	5810	3/6	42	12.8	5.6	5.3
Silver City		Jordan-Owyhee	6400	3/2	56	21.0	18.4	13.8
Skitwish Ridge		Coeur d'Alene	5110	2/28	72	25.0	30.6	--
Slug Creek Divide		Blackfoot	7230	2/29	50	15.9	12.8	15.1
Snake River Sta. (Wy)		Snake	6920	2/28	49	15.4	18.6	18.8
Soldier Ranger Sta.		Big Wood	5740	3/3	47	14.8	17.8	11.3
Somsen Ranch		Willow Creek	6840	2/27	51	15.1	12.0	13.0
South Mountain		Jordan-Owyhee	6500	3/2	59	21.0	18.9	11.9
Squaw Flat		Weiser	6240	2/28	66	19.5	28.1	23.4*
Squaw Meadow		Payette	5900	3/3	85	27.7	37.9	31.4*
State Line		Teton	6660	2/29	45	13.3	13.2	12.8
Stickney Mill		Big Lost	7430	2/27	34	7.3	11.8	8.1
Strawberry Creek		Mink	5820	3/1	51	17.4	11.5	9.9
Strawberry Mink Divide		Mink	6720	2/29	77	27.8	18.4	19.2
Sublett		Raft	5950	3/5	55	16.1	14.6	10.1
Sulphur Peak		Blackfoot	7070	2/27	55	16.9	12.8	--
Sunset		Coeur d'Alene	5540	2/27	82	24.6	35.5	33.1*
Swede Peak		Little Wood	7640	2/29	48	14.8	23.7	15.0
Targhee Pass		Henry's Fork	6980	2/29	9.3e	14.4	13.4*	
Taylor Canyon (Nv)		Owyhee	6200	2/28	37	13.6	9.4	4.5
Telfer Ranch		Fish Creek	5840	2/29	36	9.6	12.3	7.8
Teton Pass W.S. (Wy)		Teton	7740	2/28	70	22.9	23.7	22.7
Tex Creek		Willow	6650	2/28	9.2e	10.1	8.4*	
Toe Jam (A) (Nv)		Owyhee	7700	3/1	60	20.4	11.7	8.5
Thumb Divide (Wy)		Snake	7980	2/28	41	12.2	15.4	18.1
Togwotee Pass (Wy)		Snake	9580	2/29	65	21.6	22.5	25.2
Toponce		Portneuf	6160	2/27	56	17.8	--	--
Trail Creek (Mt)		Beaverhead	7090	3/1	36	6.0	4.3	7.3
Trinity Mountain		Boise	7770	2/28	98	35.0	45.6	37.4*
Tripod Summit		Payette	5260	2/25	64	18.3	22.1	16.4
Turpin Meadows (Wy)		Snake	6900	2/29	32	8.7	7.0	9.9
Twelve Mile Creek (Mt)		Bitterroot	5600	2/28	45	13.8	16.8	20.9
Twin Lakes (Mt)		Bitterroot	6510	2/28	83	27.2	29.6	37.7
Twin Peaks		Salmon	9190	3/1	61	17.6	21.6	21.7*
Upper Elkhorn		Portneuf	7140	2/29	62	20.5	17.8	16.8*
Upper Home Canyon		Montpelier	8560	2/28	66	23.1	19.1	20.6*
Upper Jack Creek (Nv)		Owyhee	7250	2/28	70	23.5	11.3	6.7
Valley View		Henry's Fork	6680	2/29	37	10.3	16.0	15.2
Vt Pont		Goose	7670	3/5	56	18.0	18.4	13.2*
Vienna Mine		Salmon	8960	2/27	83	27.8	36.0	31.4*
Webber Creek		Medicine Lodge	6700	3/2	24	4.6	5.6	4.8*
West Branch		Weiser	5560	3/2	70	20.5	26.4	--
West Twin		Palouse	4220	2/27	30	8.0	6.2	9.0
Wet Creek Summit		Little Lost	7680	2/29	34	8.8	13.7	10.1
Whiskey Creek (Mt)		Madison	6800	2/27	48	13.3	18.4	17.9
Whiskey Flat		Montpelier	6960	3/1	9.3e	8.6	8.8*	
White Elephant		Henry's Fork	7710	2/29	52	16.2	23.6	21.0*
Wildhorse Divide		Portneuf	6490	2/26	80	25.8	19.8	--
Willow Flat		Cub	6070	2/29	64	23.5	12.9	14.1
Wilson Creek (Nv)		Salmon Falls	7500	3/7	67	24.0	14.0	11.0
Wood Canyon Divide		Blackfoot	7450	2/27	59	19.0	14.3	--
Worm Creek		Cub	6620	2/29	71	26.8	16.0	17.0*

(A) Aerial observation, water content Estimated.

(b) 1961-1980, 20 year period.

(e) Snow course data estimated from automated Snotel readings.

(*) Estimated 1961-1980 20 year average.

SNOTEL^{1/}

Data Site Name	Drainage	Date	Pillow Snow Water Equivalent (inches)	Precipitation Water Year (Accumulation) (inches)
Atlanta Summit	Boise	3/1	25.6	30.9
Banner Summit	Payette	3/1	21.4	27.0
Base Camp	Upper Snake	3/1	12.4	18.3
Bear Basin	Little Salmon	3/1	16.3	20.8
Bear Canyon	Big Lost	3/1	12.5	16.1
Bear Creek	Jarbridge	3/1	30.4	28.9
Bear Mountain	Clark Fork	3/1	30.2	45.3
Bear Saddle	Mann Creek	3/1	23.6	23.5
Bennett Mountain	Canyon Creek	3/1	24.7	24.0
Big Creek Summit	Salmon	3/1	23.9	29.9
Big Sandy Opening	Green	3/1	N/A	10.5
Blind Bull Summit	Green	3/1	18.8	18.6
Bostetter Ranger Station	Trapper	3/1	N/A	21.2
Bunchgrass Meadow	Pend Oreille	3/1	20.9	31.1
Cottonwood Lake	Salt	3/1	18.1	25.4
Cozy Cove	Deadwood	3/1	19.1	25.4
Crab Creek	Camas-Beaver	3/1	11.7	17.7
Deadwood Summit	Deadwood	3/1	34.2	36.1
Dollarhide Summit	Big Wood	3/1	22.8	24.6
Elk Butte	Clearwater	3/1	29.9	35.4
Elkhart Park Guard Station	Green	3/1	11.3	12.9
Emigrant Summit	Bear	3/1	32.6	32.6
Franklin Basin	Cub	3/1	30.8	31.9
Galena	Big Wood	3/1	14.9	19.0
Galena Summit	Big Wood	3/1	N/A	18.9
Garfield Ranger Station	Little Wood	3/1	9.7	13.9
Giveout	Montpelier	3/1	12.6	12.8
Goat Creek	Salmon Falls	3/1	27.0	27.9
Graham Guard Station	Boise	3/1	16.2	22.9
Grassy Lake	Upper Snake	3/1	25.9	36.3
Gros Ventre Summit	Upper Snake	3/1	N/A	10.9
Hemlock Butte	Clearwater	3/1	32.4	37.2
Hilts Creek	Little Lost	3/1	11.1	10.7
Howell Canyon	Marsh Creek	3/1	28.2	30.4
Humboldt Gulch	Coeur d'Alene	3/1	6.4	27.3
Hyndman	Big Wood	3/1	9.1	14.3
Indian Creek	Green	3/1	24.6	23.7
Island Park	Henrys Fork	3/1	11.2	18.8
Jackson Peak	Boise	3/1	24.0	29.8
Kelley Ranger Station	Green	3/1	15.4	18.7
Lewis Lake Divide	Upper Snake	3/1	23.4	31.7
Lookout	Coeur d'Alene	3/1	N/A	28.0
Loomis Park	Green	3/1	N/A	N/A
Lost Lake	Clearwater	3/1	41.3	43.8
Lost-Wood Divide	Big Lost	3/1	15.7	19.8
Magic Mountain	Rock Creek	3/1	27.4	31.3
Meadow Lake	Lemhi	2/28	N/A	15.1
Moonshine	Little Lost	3/1	7.5	12.1
Moose Creek	North Fork Salmon	3/1	14.9	18.0
Morgan Creek	Salmon	3/1	11.2	14.2
Mosquito Ridge	Coeur d'Alene	3/1	22.7	30.4
Mountain Meadows	Selway	3/1	21.3	25.3
Mud Flat	Owyhee	2/28	11.5	14.4
Phillips Bench	Upper Snake	3/1	17.6	24.8
Pole Creek Ranger Station	Salmon Falls	3/1	26.3	N/A
Prairie	Boise	3/1	6.8	14.6
Salt River Summit	Salt	3/1	12.3	18.2
Savage Pass	Lochsa	3/1	16.9	22.4
Schweitzer Basin	Pend Oreille	3/1	34.5	31.6
Secesh Summit	Payette	3/1	27.1	32.7
Shanghai Summit	Clearwater	3/1	19.6	30.9
Sheep Mountain	Willow	3/1	14.2	17.7
Sherwin	St. Maries	3/1	11.0	26.7
Slug Creek Divide	Blackfoot	3/1	17.6	21.3
Snider Basin	Green	3/1	10.2	11.1
Somsen Ranch	Willow Creek	3/1	14.3	17.5
South Lind Experiment Sta.	Walla Walla	3/1	N/A	6.3
South Mountain	Jordan-Owyhee	3/1	27.9	N/A

^{1/} Data readings as reported by automated Snotel system.

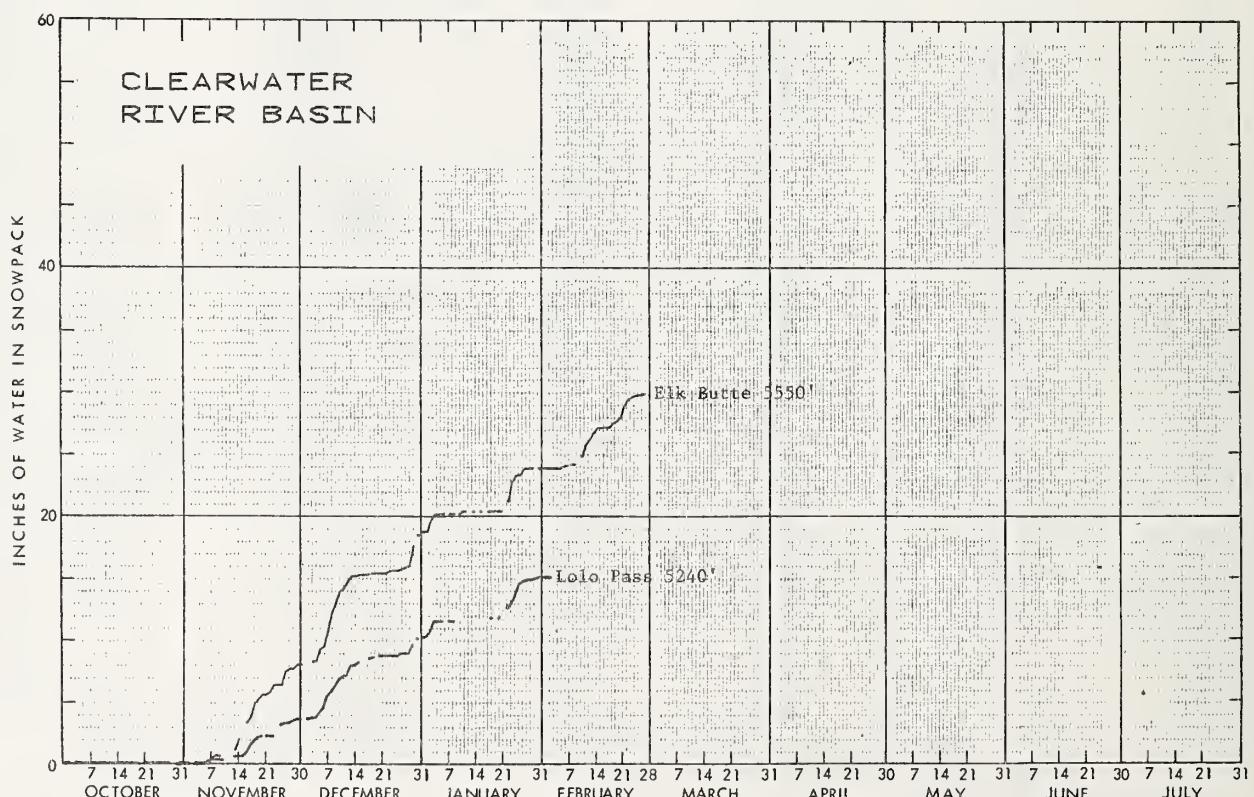
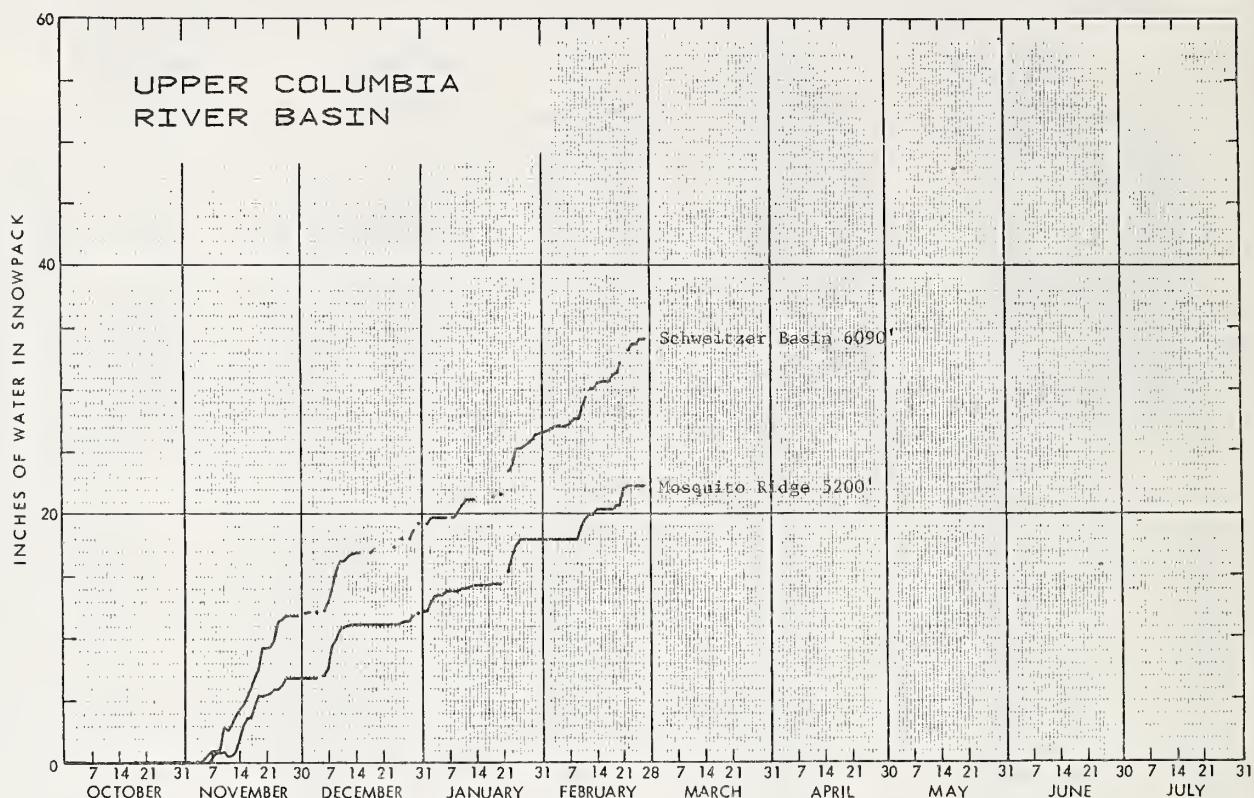
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SNOTEL^{1/}

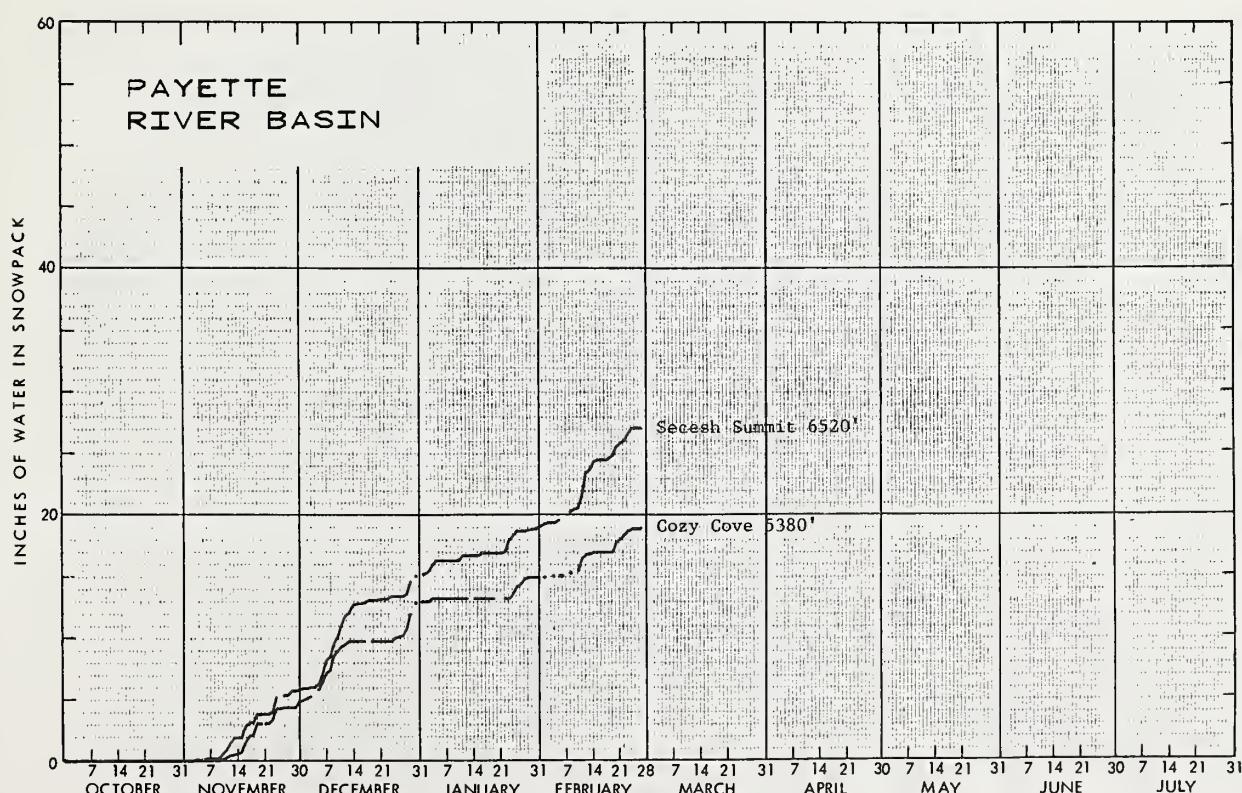
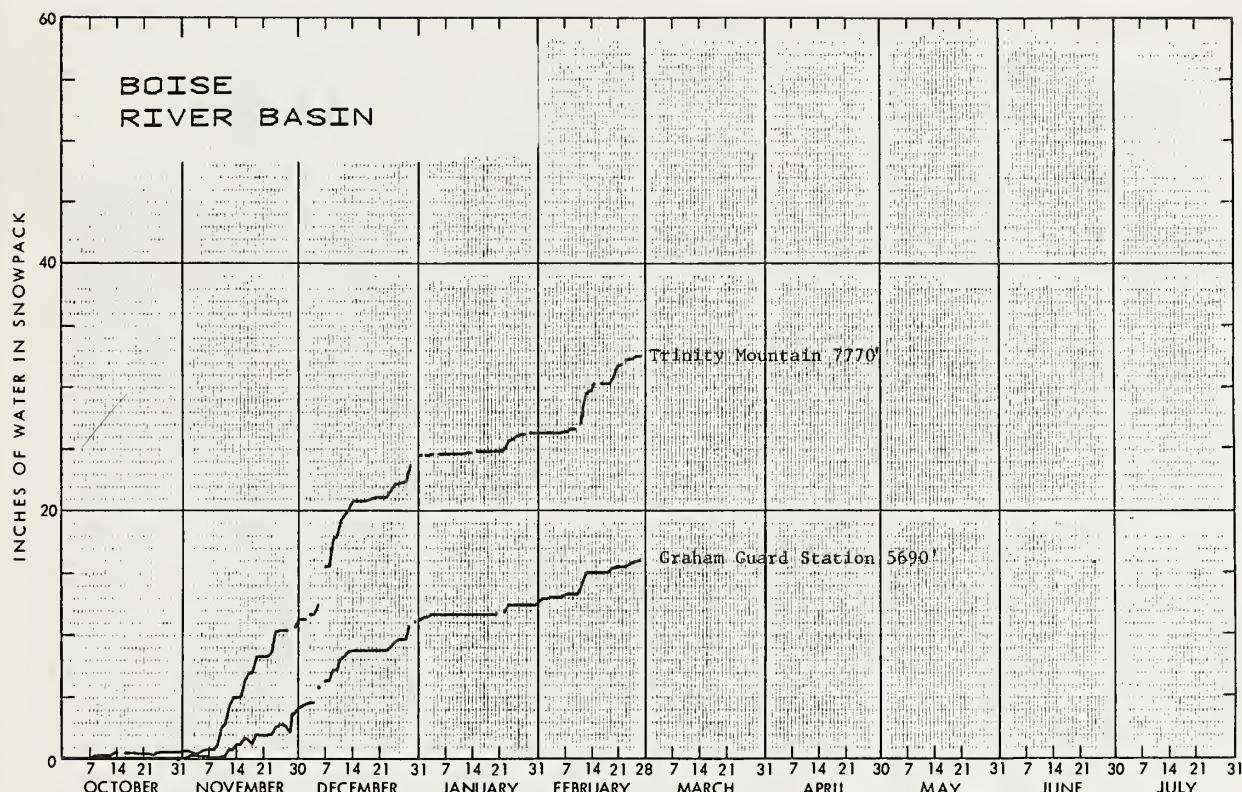
Data Site Name	Drainage	Date	Pillow Snow Water Equivalent (inches)	Precipitation Water Year (Accumulation) (inches)
Spring Creek Divide	Green	3/1	18.8	22.0
Squaw Flat	Weiser	3/1	15.8	22.6
Stickney Mill	Big Lost	3/1	7.6	8.5
Sunset	Coeur d'Alene	3/1	N/A	N/A
Swede Peak	Little Wood	3/1	13.1	17.1
Togwotee Pass	Upper Snake	3/1	17.5	23.6
Trinity Mountain	Boise	3/1	32.5	36.9
Two Ocean Plateau	Upper Snake	3/1	17.8	21.2
Vienna Mine	Salmon	3/1	27.8	26.7
West Branch	Weiser	3/1	20.5	26.4
White Elephant	Henrys Fork	3/1	18.6	26.2
Wildhorse Divide	Portneuf	3/1	N/A	27.0
Willow Creek	Greys	3/1	31.7	34.6

^{1/} Data readings as reported by automated Snotel system.
N/A Data not available.

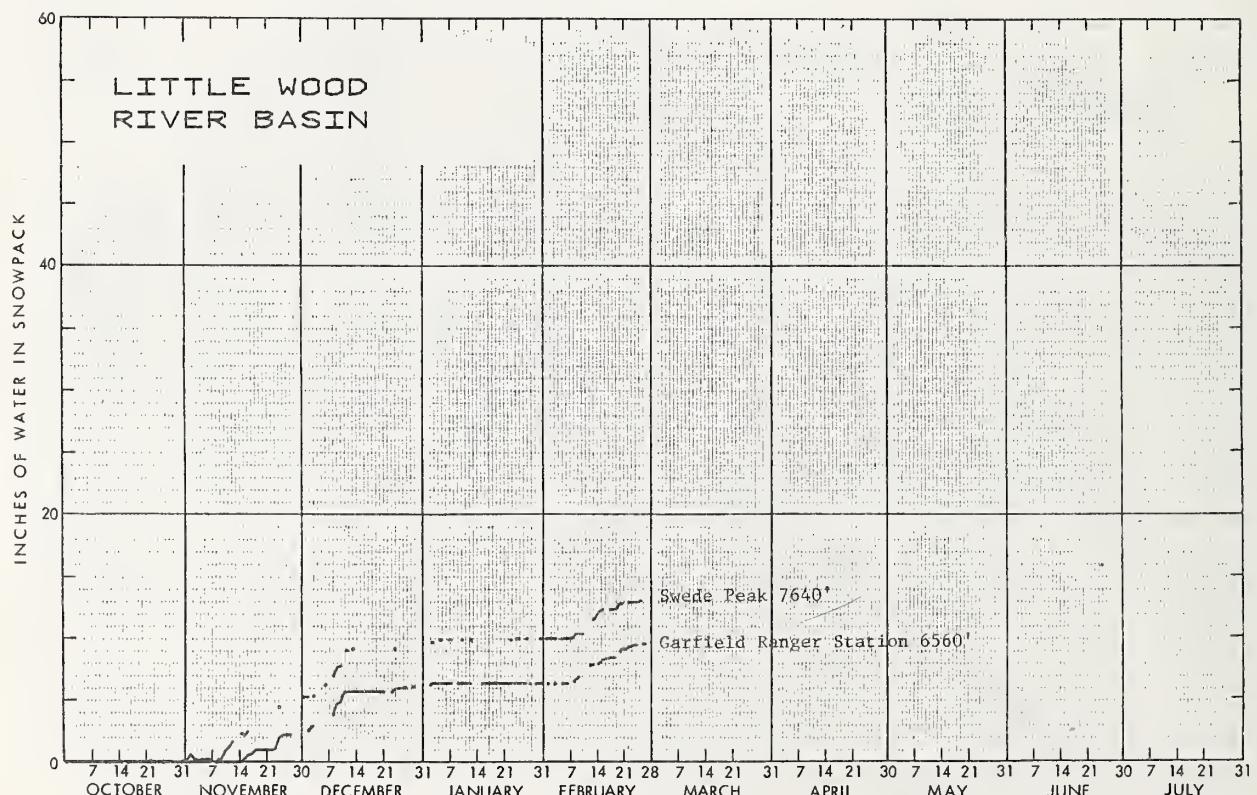
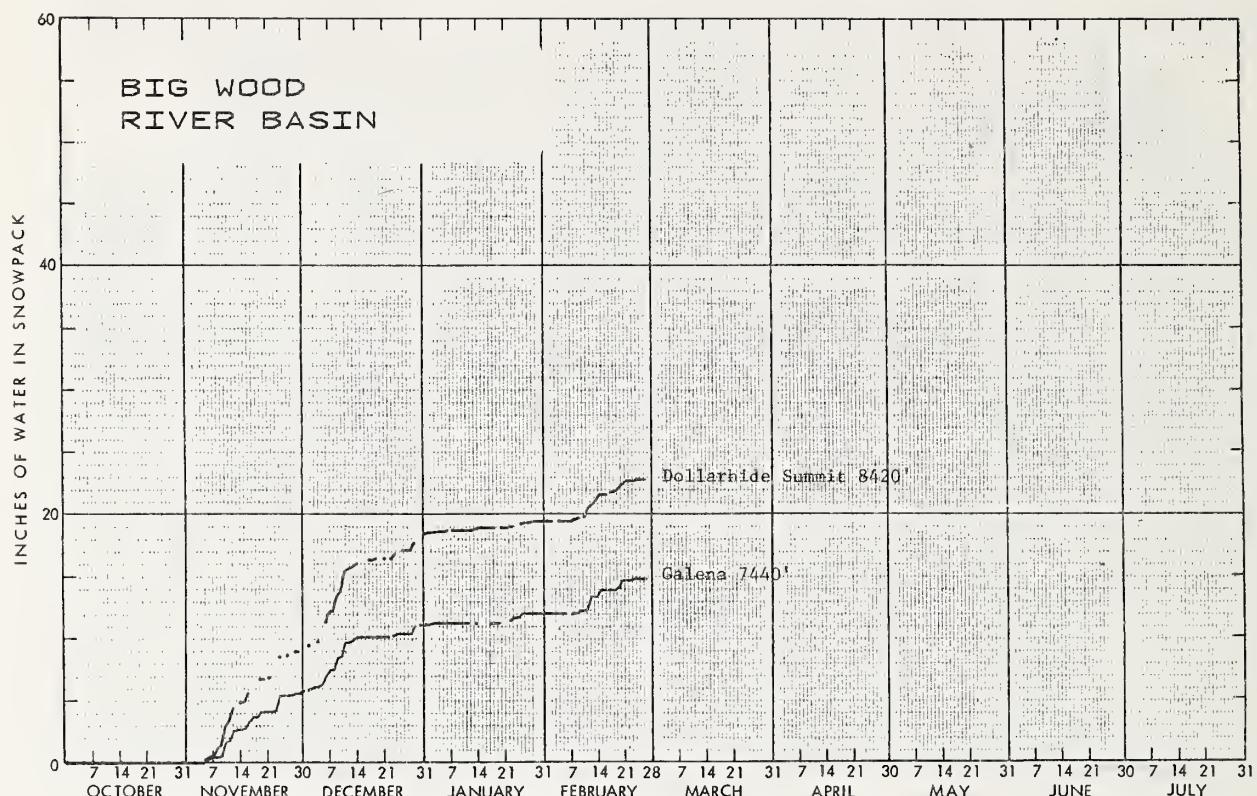
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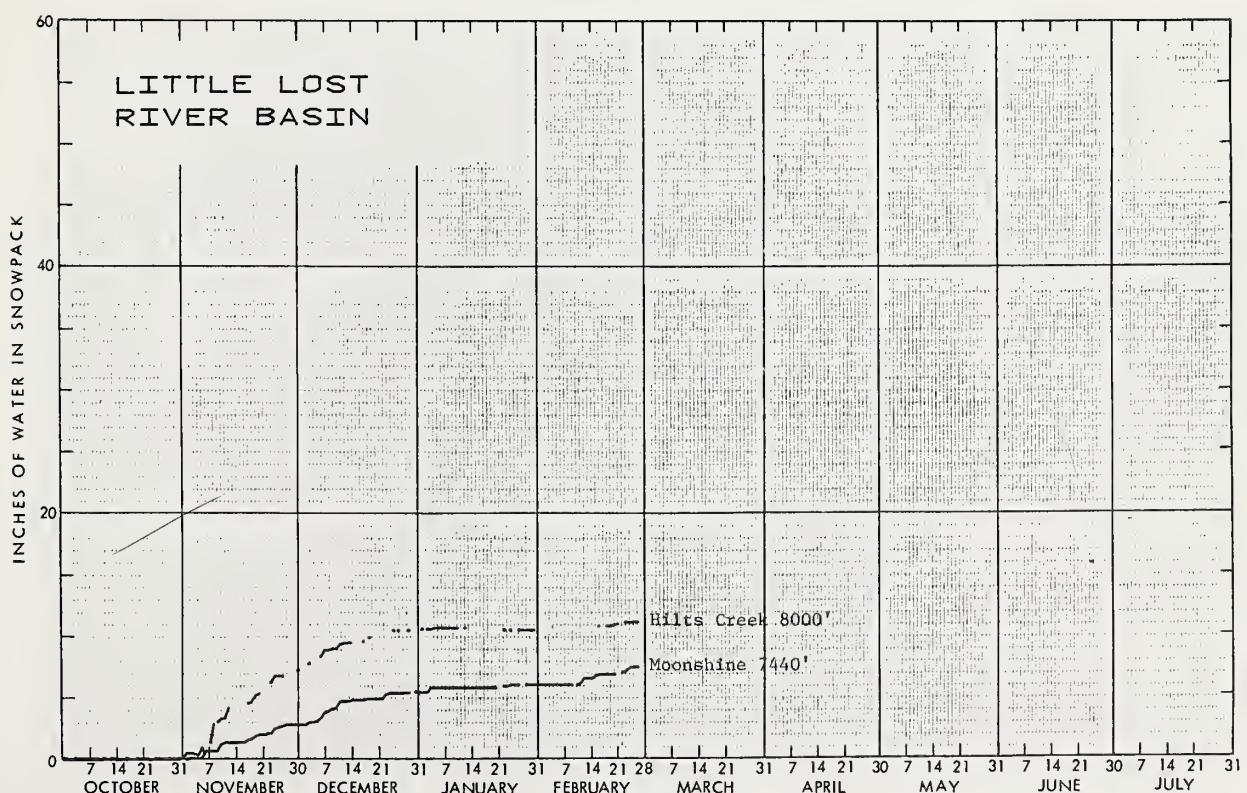
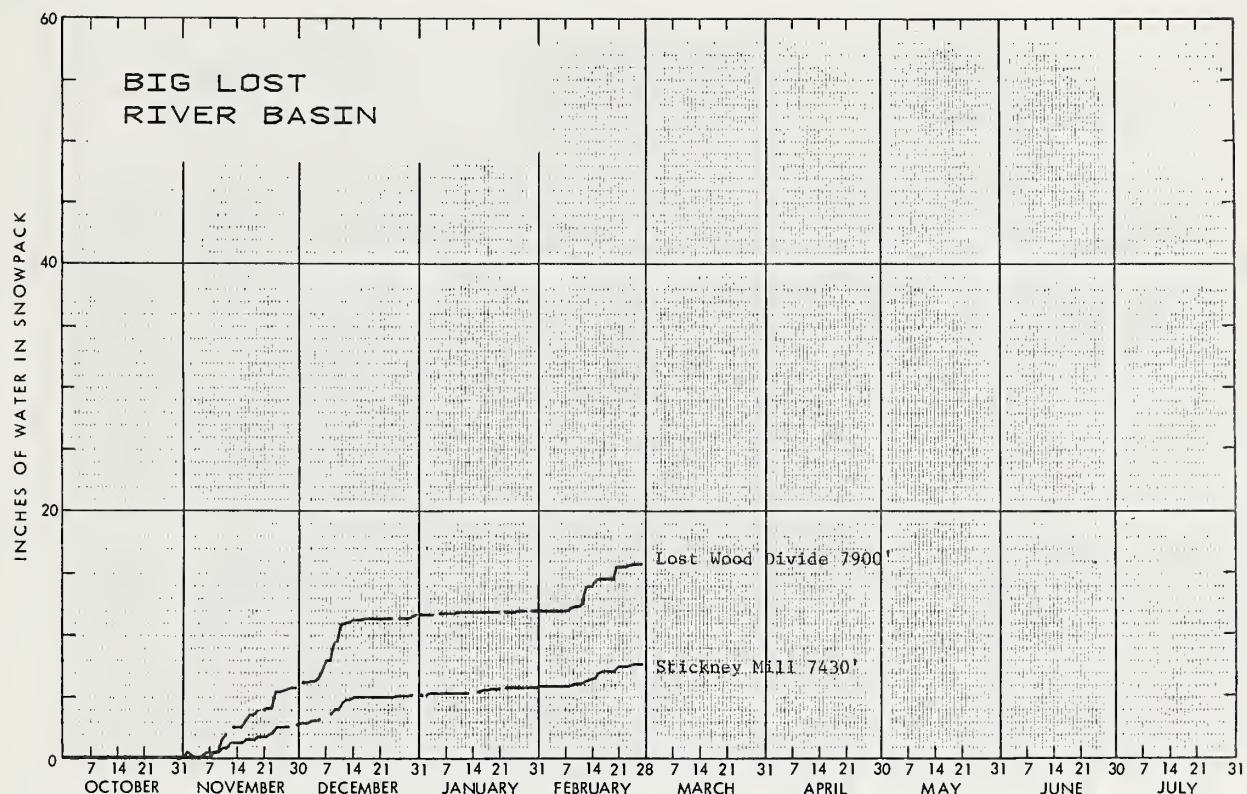
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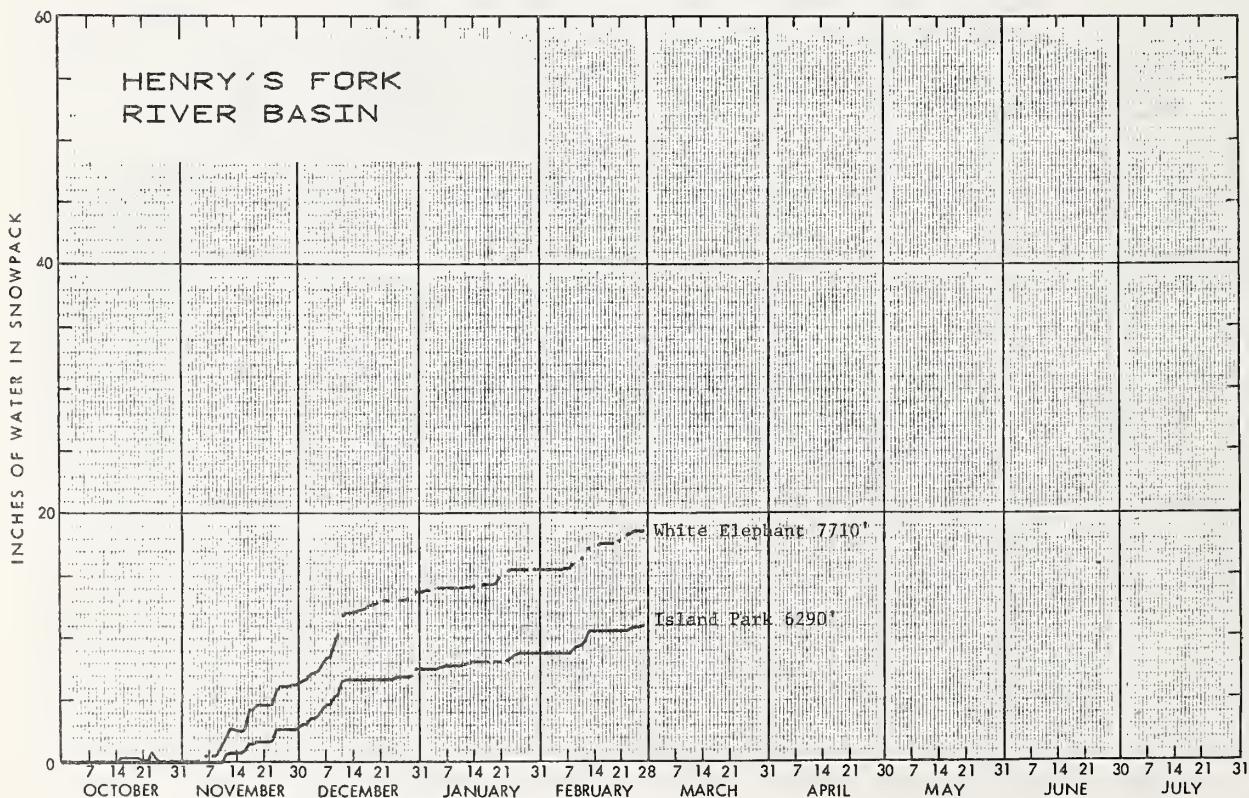
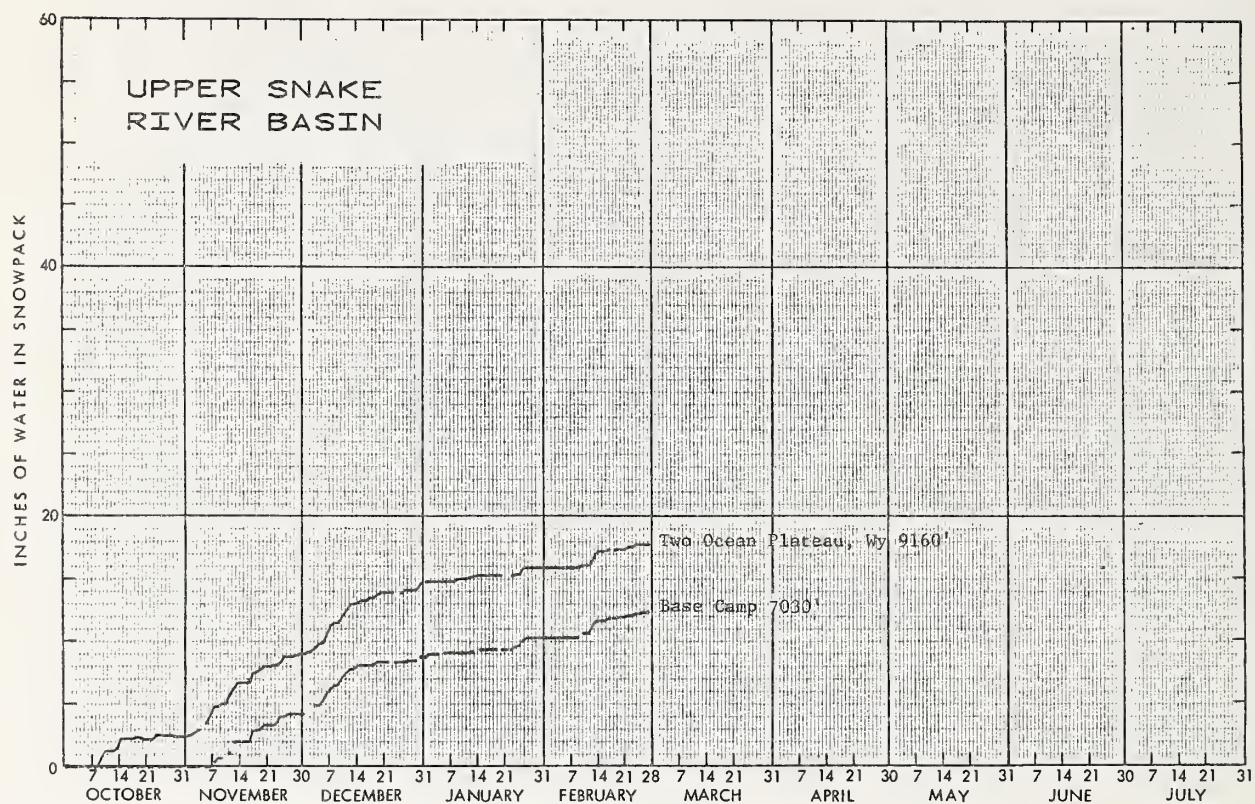
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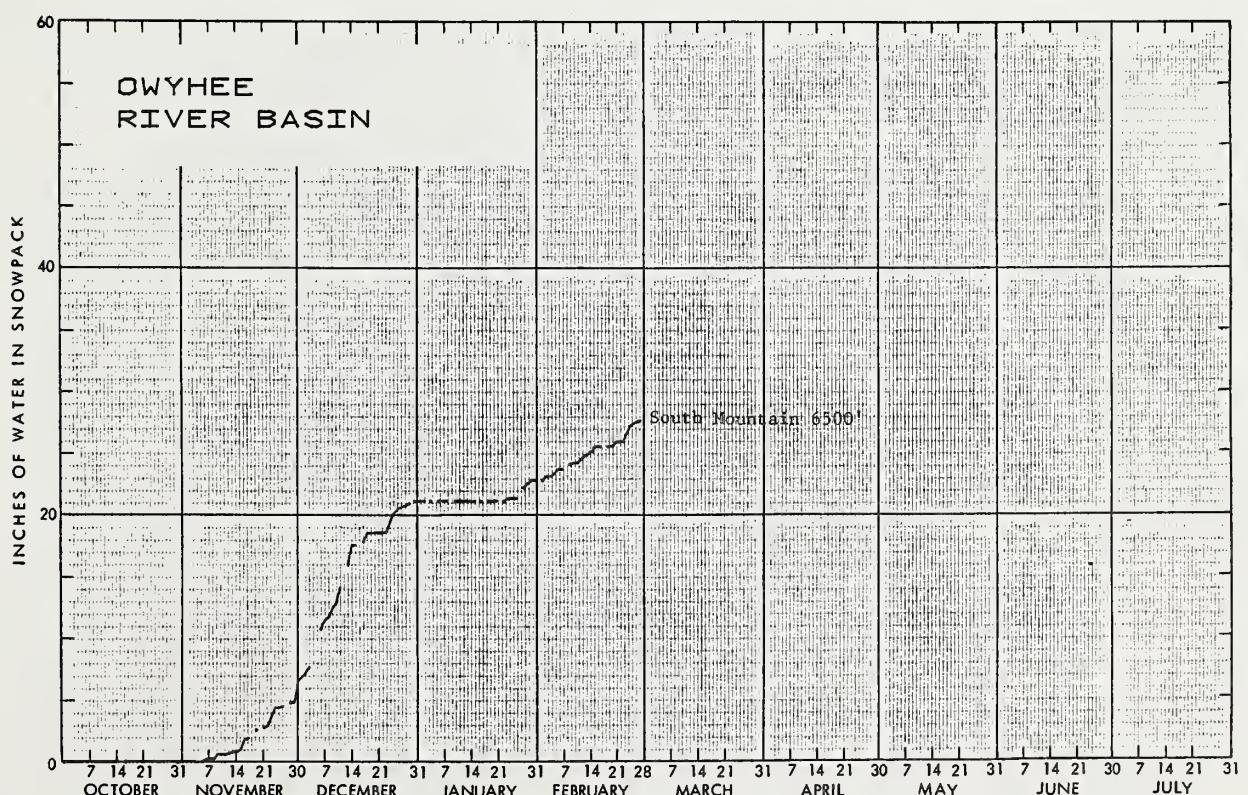
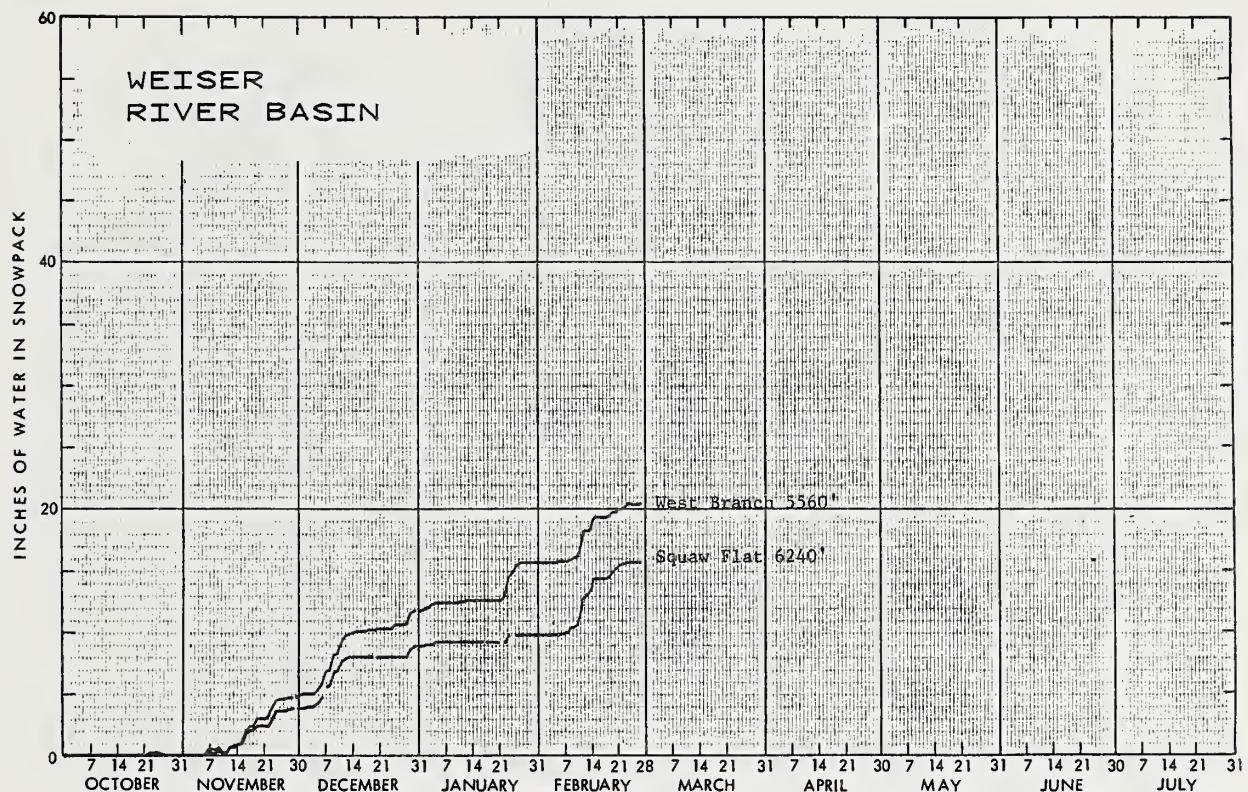
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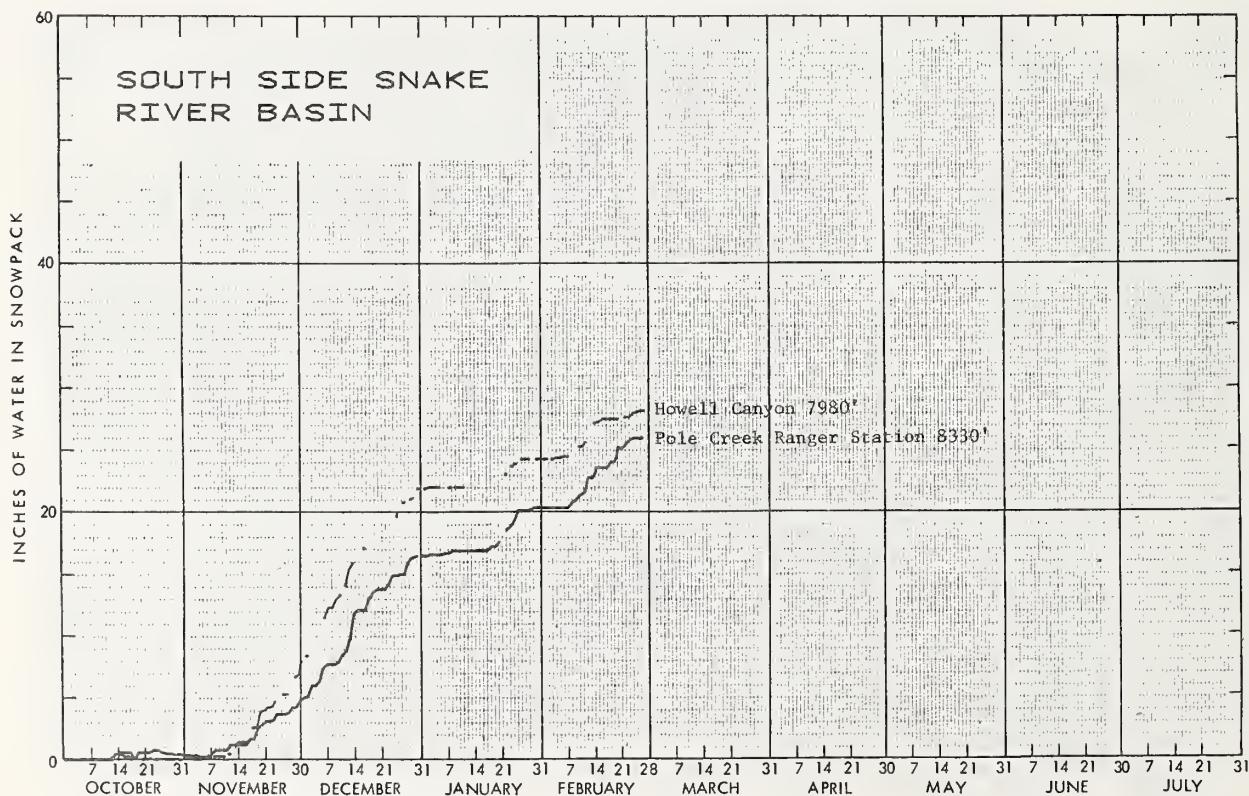
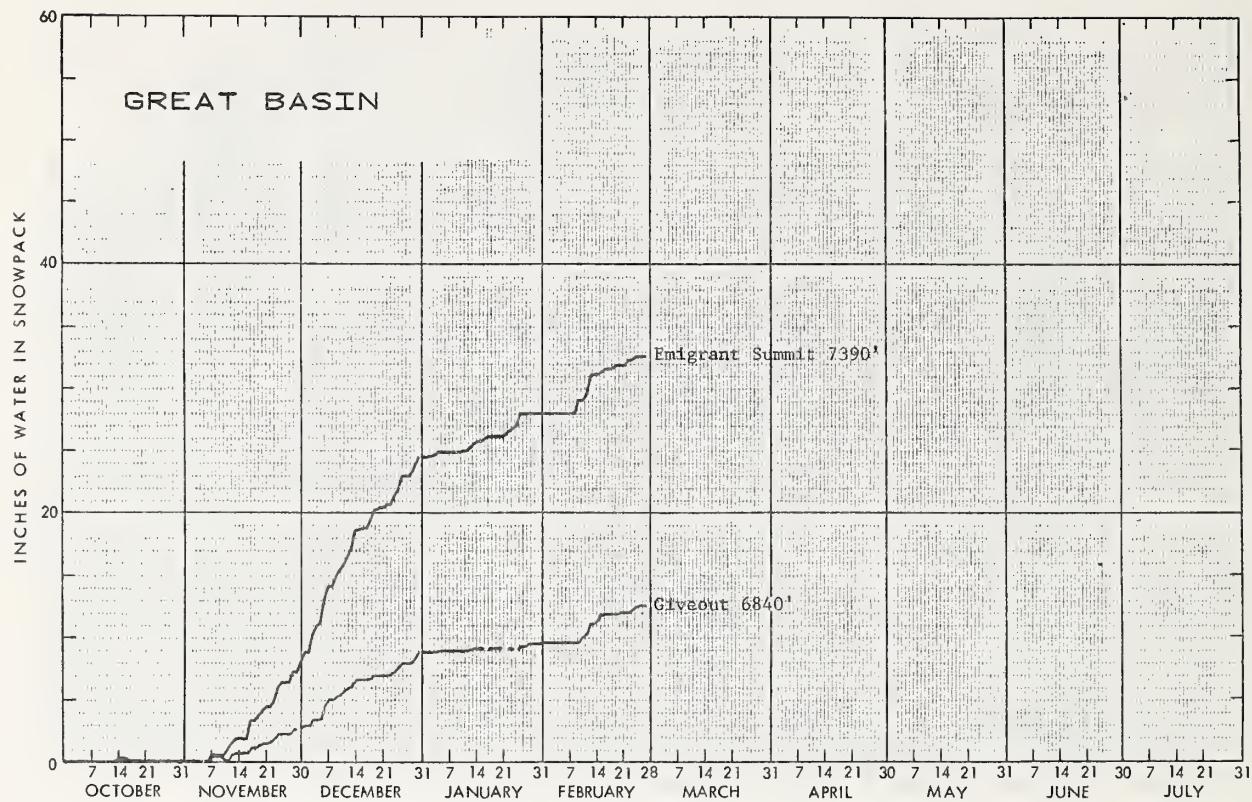
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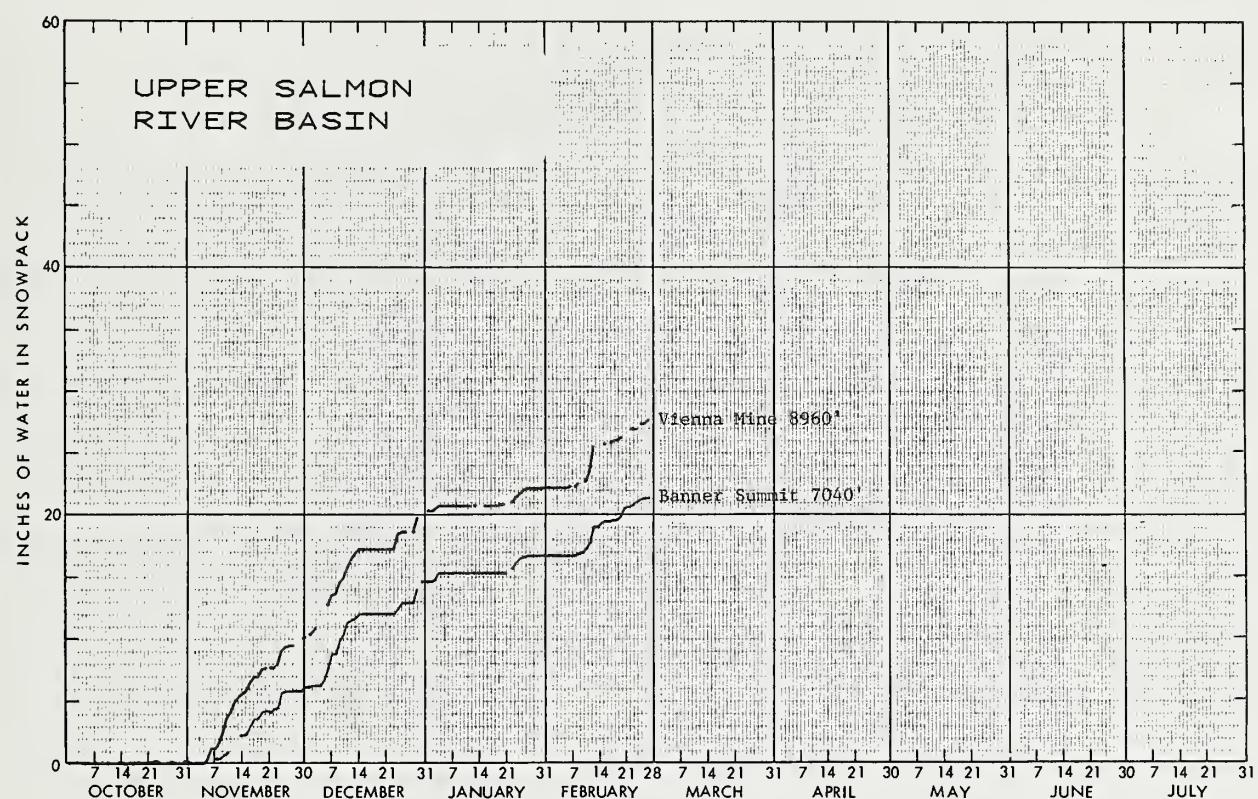
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GOVERNMENT AGENCIES

States

Idaho Department of Water Resources
Montana Cooperative Snow Surveys
Nevada Cooperative Snow Surveys
Oregon Cooperative Snow Surveys
Oregon State Engineer and Corps of
 State Watermasters
Utah Cooperative Snow Surveys
Wyoming Cooperative Snow Surveys

Federal:

U. S. Army Engineers
U. S. Department of Agriculture
 Forest Service
U. S. Department of Commerce
 NOAA, National Weather Service
U. S. Department of Interior
 Bureau of Reclamation
 Water Resources Division, Geological Survey
 Shoshone-Bannock Tribal Council

PUBLIC UTILITIES

Washington Water Power Company
Idaho Power Company

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Big Lost River Irrigation District
Blaine Soil Conservation District
Boise Project Board of Control
Idaho Water District #01
Little Wood River Irrigation District
Salmon Falls Creek Irrigation Company
Twin Falls Soil Conservation District
Big Wood Irrigation Company
Owyhee Project - North & South Board of Control
Valley Soil Conservation District
Portneuf Soil and Water Conservation District
East Cassia Soil and Water Conservation District
West Cassia Soil and Water Conservation District
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